

S
388.1
m41hi
V. 2

HIGHWAY INFORMATION SYSTEM

RELEASE 4.0

INDEX

7/77

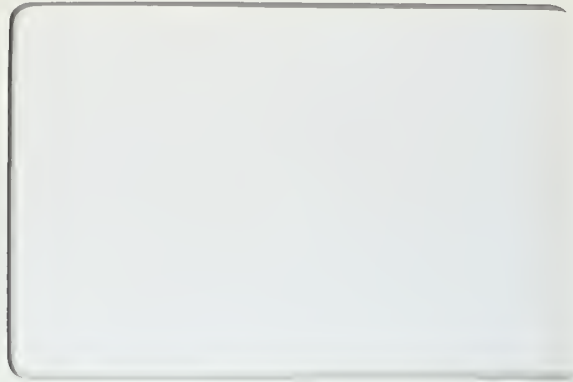
STATE DOCUMENTS

CEE

CEM



3 0864 1006 1820 9



HIGHWAY INFORMATION SYSTEM

RELEASE 4.0

INDEX

777
STATE DOCUMENTS

Prepared for the:

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

In cooperation with the:

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

The contents of this report reflect the views of Montana State University which is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the Montana Department of Highways or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.

Project Director: Ralph W. Zimmer, P.E.

Prepared by:

Larry J. Coats, Edward G. Knoyle, and Ralph W. Zimmer

DEPARTMENT OF CIVIL ENGINEERING AND ENGINEERING MECHANICS
MONTANA STATE UNIVERSITY
Bozeman, Montana 59715

April, 1976

FOREWORD

This report is a portion of the documentation of Release 4.0 of the Highway Information System undertaken by the Department of Civil Engineering and Engineering Mechanics, Montana State University. The retrieval system has been evolving over the last several years under the sponsorship of the Planning and Research Bureau of the Montana Department of Highways with some assistance from the Highway Traffic Safety Division, Montana Department of Community Affairs.

Release 4.0 of the Highway Information System is documented in the following volumes:

Highway Information System Release 4.0: System Overview

Provides an introduction to the Highway Information System.

Highway Information System Release 4.0: Index

Provides an index to all manuals except the System Overview and Program Listings.

Highway Information System Release 4.0: User's Manual

Describes how to use the Highway Information System for retrieving information and for printing reports and summaries.

Highway Information System Release 4.0: Data Coding Manual

Describes the data card formats for entering data into the Highway Information System files.

Highway Information System Release 4.0: System Maintenance Manual

Provides information for performing scheduled system backups and file reorganizations and for allocating system files.

Highway Information System Release 4.0: Record Formats & Subroutines

Describes the internal record formats of the various files and provides calling sequences to subroutines. This manual is intended for persons writing new programs to add to the Highway Information System.

Highway Information System Release 4.0: Programming Details

Describes the existing programs and provides a guide to the program listings. This manual is intended for persons maintaining existing software in the Highway Information System.

Highway Information System Release 4.0: Program Listings

Contains computer-generated listings of all source programs of the Highway Information System.

Although the project was conceived, initiated, and primarily funded through the Planning and Research Bureau of the Montana Department of Highways, the development cost of selected portions of the system was borne by the Highway Traffic Safety Division of the Montana Department of Community Affairs.

In developing the system, the CE & EM Department has had the privilege of using an IBM OS/VS1 370/145 computer located at the Data Processing Bureau of the Montana Department of Highways in Helena. PL/I has been used for most of the programs because of its versatility and ease of use. BAL (assembler) has been used for most input-output modules and for other modules that require its increased capabilities and efficiency over PL/I.

The project could never have progressed to its current state without the continued and patient encouragement and assistance from the Planning and Research Bureau and the Data Processing Bureau of the Montana Department of Highways, and from the Highway Traffic Safety Division of the Department of Community Affairs.

The project conclusion was also hastened by the significant effort of other project personnel: Scott H. Danforth, R. Helene Knowlton, and Doug M. Geiger.

INDEX OF ENGLISH NAMES

This volume is an index to the Release 4.0 volumes of the Highway Information System. For each topic, a volume identification and a page number is provided. The volume identification codes are:

USER	User's Manual
CODING	Data Coding Manual
RECRM	Record Formats and Subroutines
DETAIL	Programming Details
MAINT	System Maintenance Manual

----- LISTPOS -----

SEQNAME=INDEX40

1:	RECFM	13-3	ABEND - DUMP ENTRY POINT OF PRINT SUBROUTINE
2:	RECFM	1-3	ABEND - D37 WHEN COMPILING OR LINKING
3:	USER	C-1	ABEND CODES
4:	DETAIL	2-23	ACC-MILEPOINT-ADJUST PROGRAM - PROG DETAILS
5:			ACCCVT - SEE CVTACC
6:	DETAIL	2-32	ACCEDIT SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
7:	DETAIL	2-5	ACCFILE ADDRESS LIST
8:	RECFM	2-13	ACCIDENT DETAIL FILE - ACCRD READ SUBROUTINE
9:	MAINT	5-1	ACCIDENT DETAIL FILE - ALLOCATION
10:	RECFM	2-10	ACCIDENT DETAIL FILE - DACRDB READ SUBROUTINE
11:	RECFM	2-8	ACCIDENT DETAIL FILE - DACRDQ READ SUBROUTINE
12:	RECFM	2-1	ACCIDENT DETAIL FILE - RECORD FORMAT
13:	RECFM	2-13	ACCIDENT DIRECTORY FILE - ACCRD READ SUBROUTINE
14:	RECFM	2-12	ACCIDENT DIRECTORY FILE - ACCRDQ READ SUBROUTINE
15:	RECFM	2-12	ACCIDENT DIRECTORY FILE - ACOWRQ WRITE SUBROUTINE
16:	MAINT	5-3	ACCIDENT DIRECTORY FILE - ALLOCATION
17:	MAINT	4-14	ACCIDENT DIRECTORY FILE - CREATION
18:	RECFM	2-4	ACCIDENT DIRECTORY FILE - RECORD FORMAT
19:	RECFM	2-13	ACCIDENT FILES - ACCRD READ SUBROUTINE
20:	MAINT	5-1	ACCIDENT FILES - ALLOCATION
21:	MAINT	4-2	ACCIDENT FILES - BACKUP AND REORGANIZATION
22:	CODING	2-13	ACCIDENT FILES - DETAIL DESCRIPTIONS OF DATA ITEMS
23:			ACCIDENT FILES - EDIT PGM - SEE 'EDIT FILE=ACCIDENT'
24:	DETAIL	2-26	ACCIDENT FILES - EDIT TABLE
25:	CODING	2-13	ACCIDENT FILES - FORMAT OF ACCIDENT NUMBER
26:	CODING	2-10	ACCIDENT FILES - FORMAT OF DATA CARDS
27:	CODING	2-17	ACCIDENT FILES - FORMAT OF LOCATION FIELD
28:			ACCIDENT FILES - UPDATE PROGRAM - SEE UPDATE
29:			ACCIDENT GRID TABLE - SEE GRID TABLE
30:	RECFM	2-7	ACCIDENT INTERSECTION DIRECTORY FILE - RECORD FORMAT
31:	RECFM	2-7	ACCIDENT INTERSECTION INDEX FILE - RECORD FORMAT
32:	CODING	2-8	ACCIDENT MEMOS
33:	DETAIL	2-39	ACCIDENT MEMOS - PROG DETAILS
34:	MAINT	5-5	ACCIDENT MEMOS FILE - ALLOCATION
35:	RECFM	2-8	ACCIDENT MEMOS FILE - RECORD FORMAT
36:	RECFM	2-13	ACCIDENT VEHICLE FILE - ACCRD READ SUBROUTINE
37:	MAINT	5-2	ACCIDENT VEHICLE FILE - ALLOCATION
38:	RECFM	2-2	ACCIDENT VEHICLE FILE - RECORD FORMAT
39:	RECFM	2-11	ACCIDENT VEHICLE FILE - VACRDA READ SUBROUTINE
40:	RECFM	2-10	ACCIDENT VEHICLE FILE - VACRDQ READ SUBROUTINE
41:	USER	2-66	ACCIDENT-PY-SECTIONS - COMPUTATION METHODOLOGIES
42:	MAINT	5-4	ACCIDENT-PY-SECTIONS FILE - ALLOCATION
43:	MAINT	4-15	ACCIDENT-BY-SECTIONS FILE - CREATION
44:	RECFM	2-5	ACCIDENT-BY-SECTIONS FILE - RECORD FORMAT
45:	DETAIL	2-17	ACCIDENT-BY-SECTIONS PROGRAM - PROG DETAILS
46:	USER	2-71	ACCIDENT-BY-SECTIONS PROGRAM - USE
47:	RECFM	11-42	ACCIDENT-PY-SECTIONS TABLE
48:	DETAIL	2-18	ACCIDENT-BY-SECTIONS TABLE - RECORD FORMAT
49:	RECFM	2-13	ACCRD SUBROUTINE - CALLING SEQUENCE
50:	DETAIL	2-6	ACCRD SUBROUTINE - PROG DETAILS
51:	RECFM	2-13	ACCRD SUBROUTINE - SAMPLE PROGRAM
52:	RECFM	2-12	ACDRDQ SUBROUTINE - CALLING SEQUENCE
53:	DETAIL	2-6	ACDRDQ SUBROUTINE - IN ACCFILE LOAD MODULE
54:	DETAIL	2-4	ACDRDQ SUBROUTINE - PROG DETAILS
55:	RECFM	2-12	ACOWRQ SUBROUTINE - CALLING SEQUENCE
56:	DETAIL	2-5	ACOWRQ SUBROUTINE - PROG DETAILS

----- LISTPOS -----

57:	USER	7-4	ADJUSTED SUFFICIENCY PATING
58:	RECFM	9-4	ADJUSTMENT OF MILEPOINT (POINTQ SUBROUTINE)
59:	CCDING	5-13	ADMINISTRATION CODES
60:	RECFM	8-7	ADT SUBROUTINE - CALLING SEQUENCE
61:	DETAIL	8-6	ADT SUBROUTINE - PROG DETAILS
62:	RECFM	10-14	AGE - CALCULATION OF SIGN AGE
63:	MAINT	5-1	ALLOCATION OF SYSTEM FILES
64:			ALLOCATION, ISAM - SEE 'FILE - IS'
65:			ALLOCATION, PARTITIONED - SEE 'FILE - PARTITIONED'
66:			ALLOCATION, SEQL FILE - SEE 'FILE - PS'
67:	RECFM	1-4	ASSEMBLER COMPILATION
68:	RECFM	1-15	ASSEMBLER TO PL/I LINKAGE CONVENTIONS
69:	RECFM	10-1	ASSEMBLY RECORD FORMAT - URBAN SIGN FILES
70:	MAINT	4-1	BACKUP PROCEDURES
71:	MAINT	4-2	BACKUP PROCEDURES - ACCIDENT FILES
72:	MAINT	4-1	BACKUP PROCEDURES - BACKUP SCHEDULE
73:	MAINT	4-2	BACKUP PROCEDURES - BRIDGE FILE
74:	MAINT	4-10	BACKUP PROCEDURES - CITY ROUTE XREF
75:	MAINT	4-8	BACKUP PROCEDURES - DEFENSE CROSS-REFERENCE
76:	MAINT	4-8	BACKUP PROCEDURES - GRID TABLE
77:	MAINT	4-11	BACKUP PROCEDURES - MAINT DIV XREF
78:	MAINT	4-12	BACKUP PROCEDURES - MAINT SEC XREF
79:	MAINT	4-2	BACKUP PROCEDURES - RAILROAD FILE
80:	MAINT	4-13	BACKUP PROCEDURES - REORGANIZATION SCHEDULE
81:	MAINT	4-4	BACKUP PROCEDURES - ROADLOG FILE
82:	MAINT	4-10	BACKUP PROCEDURES - SIGN CODE XREF
83:	MAINT	4-5	BACKUP PROCEDURES - SKID FILE
84:	MAINT	4-6	BACKUP PROCEDURES - SUFFICIENCY FILE
85:	MAINT	4-2	BACKUP PROCEDURES - SYSTEM LIBRARIES
86:	MAINT	4-6	BACKUP PROCEDURES - TRAFFIC FILE
87:	MAINT	4-7	BACKUP PROCEDURES - TRUMILE FILE
88:	MAINT	4-8	BACKUP PROCEDURES - URBAN SIGN FILES
89:	RECFM	13-11	BACKUP SUBROUTINE - CALLING SEQUENCE
90:	DETAIL	14-8	BACKUP SUBROUTINE - PROG DETAILS
91:	RECFM	13-9	BANNER SUBROUTINE - CALLING SEQUENCE
92:	DETAIL	14-5	BANNER SUBROUTINE - PROG DETAILS
93:	DETAIL	3-11	BDG-INSPECTION-TAPE PROGRAM - PROG DETAILS
94:	USER	3-19	BDG-INSPECTION-TAPE PROGRAM - USE
95:	DETAIL	3-7	BDG-INVENTORY-LIST PROGRAM - PROG DETAILS
96:	USER	3-8	BDG-INVENTORY-LIST PROGRAM - USE
97:	RECFM	3-10	BDGCVT SUBROUTINE - CALLING SEQUENCE
98:	RECFM	3-10	BDGDLOD SUBROUTINE - CALLING SEQUENCE
99:	DETAIL	3-6	BDGDLOD SUBROUTINE - PROG DETAILS
100:	RECFM	3-11	BDGINB SUBROUTINE - CALLING SEQUENCE
101:	DETAIL	3-2	BDGINB SUBROUTINE - PROG DETAILS
102:	RECFM	3-8	BDGIRTE SUBROUTINE - CALLING SEQUENCE
103:	DETAIL	3-4	BDGIRTE SUBROUTINE - PROG DETAILS
104:	RECFM	3-7	BDGRD SUBROUTINE - CALLING SEQUENCE
105:	DETAIL	3-3	BDGRD SUBROUTINE - PROG DETAILS
106:	RECFM	3-5	BDGRDQ SUBROUTINE - CALLING SEQUENCE
107:	DETAIL	3-1	BDGRDQ SUBROUTINE - PROG DETAILS
108:	RECFM	3-11	BDGRWB SUBROUTINE - CALLING SEQUENCE
109:	DETAIL	3-2	BDGRWB SUBROUTINE - PROG DETAILS
110:	RECFM	3-9	BDGSRTS SUBROUTINE - CALLING SEQUENCE
111:	DETAIL	3-5	BDGSRTS SUBROUTINE - PROG DETAILS
112:	RECFM	3-8	BDGTYPE SUBROUTINE - CALLING SEQUENCE
113:	DETAIL	3-5	BDGTYPE SUBROUTINE - PROG DETAILS
114:	RECFM	3-8	BORRDO SUBROUTINE - CALLING SEQUENCE

----- LISTPDS -----

115:	DETAIL	3-4	BDRRDO SUBROUTINE - PROG DETAILS
116:	RECFM	1-17	BINARY VARIABLES - LINKAGE CONVENTIONS
117:			BLOCK SIZE, ISAM FILE - SEE 'FILE - IS'
118:			BLOCK SIZE, SECL FILE - SEE 'FILE - PS'
119:	DETAIL	13-12	BPAMRD SUBROUTINE - PROG DETAILS
120:	RECFM	11-9	BPAMRD/TABLRD SUBROUTINE - CALLING SEQUENCE
121:	DETAIL	13-13	BPAMWR SUBROUTINE - PROG DETAILS
122:	RECFM	11-10	BPAMWR/TABLWR SUBROUTINE - CALLING SEQUENCE
123:	MAINT	5-5	BRIDGE FILE - ALLOCATION
124:	MAINT	4-3	BRIDGE FILE - BACKUP AND REORGANIZATION
125:	RECFM	3-11	BRIDGE FILE - BDGINB UPDATE SUBROUTINE
126:	RECFM	3-7	BRIDGE FILE - BDGRD READ SUBROUTINE
127:	RECFM	3-5	BRIDGE FILE - BDGRDQ READ SUBROUTINE
128:	RECFM	3-11	BRIDGE FILE - BDGRWB UPDATE SUBROUTINE
129:	CODING	3-4	BRIDGE FILE - DATA CARD FORMATS
130:	CODING	3-6	BRIDGE FILE - DESCRIPTION OF DATA ELEMENTS
131:	RECFM	3-10	BRIDGE FILE - DESIGN LOAD DERIVATION (BDGDLOD SUBPTN)
132:	CODING	3-10	BRIDGE FILE - FORMAT OF INVENTORY ROUTE
133:	CODING	3-6	BRIDGE FILE - FORMAT OF KEY FIELD
134:	CODING	3-9	BRIDGE FILE - FORMAT OF LATITUDE AND LONGITUDE
135:	RECFM	3-8	BRIDGE FILE - INVENTORY ROUTE (BDGIRTE SUBPTN)
136:	RECFM	3-9	BRIDGE FILE - INVENTORY ROUTE TO SIGNED ROUTE (BDGSPTE)
137:	RECFM	3-1	BRIDGE FILE - RECORD FORMAT
138:	RECFM	3-8	BRIDGE FILE - STRUCTURE TYPE (BDGTYPE SUBPTN)
139:			BRIDGE FILE - UPDATE PGM - SEE 'UPDATE FILE=BRIDGE'
140:	MAINT	5-6	BRIDGE REPORT FILE - ALLOCATION
141:	RECFM	3-8	BRIDGE REPORT FILE - BDRRDO READ SUBROUTINE
142:	MAINT	4-16	BRIDGE REPORT FILE - CREATION
143:	RECFM	3-3	BRIDGE REPORT FILE - RECORD FORMAT
144:	DETAIL	11-15	BUILD-FILE-TABLE PROGRAM - PROG DETAILS
145:	RECFM	11-24	BUILD-FILE-TABLE PROGRAM - USE
146:	DETAIL	14-24	BUILD-GRID-TABLE PROGRAM - PROG DETAILS
147:	CODING	11-1	BUILD-GRID-TABLE PROGRAM - USE
148:	MAINT	3-1	CALC-BLKSIZE PROGRAM - USE
149:	DETAIL	14-16	CALC-BLOCKSIZE PROGRAM - PROG DETAILS
150:	RECFM	10-14	CALCAGE SUBROUTINE - CALLING SEQUENCE
151:	DETAIL	10-4	CALCAGE SUBROUTINE - PROG DETAILS
152:	USER	7-3	CAPACITY RATING IN SUFFICIENCY PATING FORMULA
153:	USER	4-1	CATALOGED PROCEDURE LISTINGS
154:	RECFM	1-18	CHARACTER VARIABLES - LINKAGE CONVENTIONS
155:	RECFM	13-6	CHECKDD SUBROUTINE - CALLING SEQUENCE
156:	DETAIL	13-14	CHECKDD SUBROUTINE - PROG DETAILS
157:	RECFM	11-22	CITY NAME TO CITY NUMBER CONVERSION
158:	USER	2-7	CITY NAMES CODED IN CITY PARAMETER
159:	USER	2-7	CITY NUMBERS
160:	CODING	5-19	CITY NUMBERS
161:	CODING	2-16	CITY NUMBERS
162:	USER	2-6	CITY PARAMETER
163:	RECFM	13-8	CITY PARAMETER - INTERPRET (CVTLCCN SUBRTN)
164:			CITY ROUTE CROSS-REFERENCE FILE - SEE CITY-ROUTE-XREF
165:	CODING	10-1	CITY ROUTES - URBAN SIGN
166:	RECFM	11-22	CITY TABLE - CITY NAME TO CITY NUMBER CONVERSION
167:	RECFM	11-24	CITY TABLE - CNTCITY COUNT SUBROUTINE
168:	RECFM	11-22	CITY TABLE - CVTCITY SUBROUTINE
169:	RECFM	11-23	CITY TABLE - GETCITY READ SUBROUTINE
170:	RECFM	11-22	CITY TABLE - INCITY READ SUBROUTINE
171:	RECFM	11-21	CITY TABLE - LIST-CITY-TABLE PROGRAM
172:	RECFM	11-21	CITY TABLE - RECORD FORMAT

----- LISTPDS -----

173:	RECFM	11-22	CITY TABLE - UPDATE-CITY-TABLE PROGRAM
174:	CODING	11-4	CITY-ROUTE-XREF - DATA CARD FORMAT
175:	CODING	11-4	CITY-ROUTE-XREF - LOADING A NEW XREF
176:	CODING	11-4	CITY-ROUTE-XREF - UPDATING
177:	MAINT	5-19	CITY-ROUTE-XREF FILES - ALLOCATION
178:	MAINT	4-10	CITY-ROUTE-XREF FILES - BACKUP AND REORGANIZE
179:	RECFM	12-2	CITY-ROUTE-XREF FILES - RECORD FORMAT
180:	DETAIL	14-23	CITY-ROUTE-XREF PROGRAM - PROG DETAILS
181:	MAINT	4-11	CITY-ROUTE-XREF PROGRAM - USE
182:	USER	11-6	CITY-ROUTE-XREF PROGRAM - USE
183:	CODING	11-4	CITY-ROUTE-XREF PROGRAM - USE (UPDATE/LOAD)
184:			CLUSTER - SEE RUPAL-ACC-CLUSTERS
185:	RECFM	11-24	CNTCITY SUBROUTINE - CALLING SEQUENCE
186:	DETAIL	11-6	CNTCITY SUBROUTINE - PROG DETAILS
187:	RECFM	11-26	CNTCNTY SUBROUTINE - CALLING SEQUENCE
188:	DETAIL	11-26	CNTCNTY SUBROUTINE - PROG DETAILS
189:	RECFM	13-8	CNVSTAT SUBROUTINE - CALLING SEQUENCE
190:	DETAIL	14-1	CNVSTAT SUBROUTINE - PROG DETAILS
191:	CODING	5-4	COINCIDENT SECTION - AS CODED IN ROADLOG FILE
192:	CODING	8-2	COINCIDENT SECTION - AS CODED IN TRAFFIC FILE
193:	USER	5-3	COINCIDENT SECTION - AS STORED IN ROADLOG FILE
194:	CODING	5-4	COINCIDENT SECTION - CROSS-REFERENCE TECHNIQUE (ROADLOG)
195:	RECFM	5-11	COINKEY SUBROUTINE - CALLING SEQUENCE
196:	DETAIL	5-4	COINKEY SUBROUTINE - PROG DETAILS
197:	RECFM	1-7	COMMAND - DECODED FORMAT (INSTRUCTION)
198:			COMMAND DECODER - SEE DECODER
199:	USER	1-6	COMMANDS - COMMENT CARDS
200:	USER	1-6	COMMANDS - CONTINUATION ONTO MORE THAN ONE CARD
201:	USER	1-5	COMMANDS - INTRODUCTION
202:	USER	1-7	COMMANDS - OUTPUT TO CRJE TERMINAL
203:			COMMANDS - PRINT OPTIONS - SEE 'PRINT OPTIONS'
204:	RECFM	1-4	COMPILATION OF ASSEMBLER PROGRAM
205:	RECFM	1-3	COMPILATION OF PL/I PROGRAM
206:	RECFM	1-2	COMPILATION OF SOURCE MODULE
207:			COMPRESS A LIBRARY - SEE 'FILE - PARTITIONED'
208:	DETAIL	13-10	CONTROL BLOCKS - DECODER BLOCK
209:	DETAIL	13-6	CONTROL BLOCKS - DEFAULTS BLOCK
210:	DETAIL	13-5	CONTROL BLOCKS - DUMMY SAVEAREA
211:	DETAIL	13-4	CONTROL BLOCKS - PARAMETER BLOCK
212:	DETAIL	13-5	CONTROL BLOCKS - PRINT BLOCK
213:	DETAIL	12-6	CONTROL BLOCKS - SELECT BLOCK
214:	DETAIL	11-6	COORDINATE-TABLE PROGRAM - PROG DETAILS
215:	CODING	6-12	COORDINATES - RANGES
216:	USER	1-8	COPIES PARAMATER
217:	MAINT	4-2	COPY FILE=ACCIDENT - USE
218:	DETAIL	2-36	COPY FILE=ACCIDENT PROGRAM - PROG DETAILS
219:	MAINT	4-3	COPY FILE=BRIDGE - USE
220:	DETAIL	3-18	COPY FILE=BRIDGE PROGRAM - PROG DETAILS
221:	MAINT	4-3	COPY FILE=RAILROAD - USE
222:	DETAIL	4-9	COPY FILE=RAILROAD PROGRAM - PROG DETAILS
223:	MAINT	4-4	COPY FILE=ROADLOG - USE
224:	DETAIL	5-20	COPY FILE=ROADLOG PROGRAM - PROG DETAILS
225:			COPY FILE=SKID - SEE REORGANIZE FILE=SKID
226:	MAINT	4-6	COPY FILE=SUFFICIENCY - USE
227:	DETAIL	7-19	COPY FILE=SUFFICIENCY PROGRAM - PROG DETAILS
228:	MAINT	4-6	COPY FILE=TRAFFIC - USE
229:	DETAIL	8-15	COPY FILE=TRAFFIC PROGRAM - PROG DETAILS
230:	MAINT	4-7	COPY FILE=TPUMILE - USE

----- LISTPDS -----

231:	DETAIL	9-12	COPY FILE=TRUMILE PROGRAM - PROG DETAILS
232:			COPY FILE=URBAN-SIGN - SEE REORGANIZE FILE=URBAN-SIGN
233:	DETAIL	14-19	COPY-PROCS PROGRAM - PROG DETAILS
234:	DETAIL	14-19	COPY-SEOL-FILE PROGRAM - PROG DETAILS
235:	MAINT	3-4	COPY-SEOL-FILE PROGRAM - USE
236:	DETAIL	2-15	COUNT-ACCIDENTS PROGRAM - PROG DETAILS
237:	USER	2-19	COUNT-ACCIDENTS PROGRAM - USE
238:	RECFM	11-25	COUNTY NAME TO COUNTY NUMBER CONVERSION
239:	USER	2-8	COUNTY NAMES CODED IN COUNTY PARAMETER
240:	USER	5-8	COUNTY NUMBERS - ALPHABETICAL SYSTEM
241:	CODING	5-15	COUNTY NUMBERS - ALPHABETICAL SYSTEM
242:	CODING	2-17	COUNTY NUMBERS - REGISTRATION SYSTEM
243:	USER	2-8	COUNTY NUMBERS - REGISTRATION SYSTEM
244:	USER	2-6	COUNTY PARAMETER
245:	RECFM	13-8	COUNTY PARAMETER - INTERPRET (CVTLOCN SURPTN)
246:	RECFM	11-26	COUNTY TABLE - CNTCNTY COUNT SUBROUTINE
247:	RECFM	11-25	COUNTY TABLE - COUNTY NAME TO COUNTY NUMBER CONVERT
248:	RECFM	11-25	COUNTY TABLE - CVTCNTY SUBROUTINE
249:	RECFM	11-26	COUNTY TABLE - GETCNTY READ SUBROUTINE
250:	RECFM	11-25	COUNTY TABLE - INCNTY READ SUBROUTINE
251:	RECFM	11-24	COUNTY TABLE - LIST-COUNTY-TABLE PROGRAM
252:	RECFM	11-24	COUNTY TABLE - RECORD FORMAT
253:	RECFM	11-24	COUNTY TABLE - UPDATE-COUNTY-TABLE PROGRAM
254:	MAINT	4-2	CREATE FILE=ACCIDENT - USE
255:	DETAIL	2-36	CREATE FILE=ACCIDENT PROGRAM - PROG DETAILS
256:	MAINT	4-3	CREATE FILE=BRIDGE - USE
257:	DETAIL	3-18	CREATE FILE=BRIDGE PROGRAM - PROG DETAILS
258:	MAINT	4-3	CREATE FILE=RAILROAD - USE
259:	DETAIL	4-9	CREATE FILE=RAILROAD PROGRAM - PROG DETAILS
260:	MAINT	4-4	CREATE FILE=ROADLOG - USE
261:	DETAIL	5-21	CREATE FILE=ROADLOG PROGRAM PROG DETAILS
262:			CREATE FILE=SKID - SEE REORGANIZE FILE=SKID
263:	MAINT	4-6	CREATE FILE=SUFFICIENCY - USE
264:	DETAIL	7-20	CREATE FILE=SUFFICIENCY PROGRAM - PROG DETAILS
265:	MAINT	4-6	CREATE FILE=TRAFFIC - USE
266:	DETAIL	8-16	CREATE FILE=TRAFFIC PROGRAM - PROG DETAILS
267:	MAINT	4-7	CREATE FILE=TRUMILE - USE
268:	DETAIL	9-13	CREATE FILE=TRUMILE PROGRAM - PROG DETAILS
269:			CREATE FILE=URBAN-SIGN - SEE REORGANIZE FILE=URBAN-SIGN
270:	DETAIL	2-25	CREATE-ACC-BY-SECTN PROGRAM - PROG DETAILS
271:	MAINT	4-15	CREATE-ACC-BY-SECTN PROGRAM - USE
272:	DETAIL	3-12	CREATE-ROGREP PROGRAM - PROG DETAILS
273:	MAINT	4-16	CREATE-ROGREP PROGRAM - USE
274:	DETAIL	2-27	CREATE-FA-ACC-DIREC PROGRAM - PROG DETAILS
275:	MAINT	4-14	CREATE-FA-ACC-DIREC PROGRAM - USE
276:	DETAIL	4-4	CREATE-PRXREP PROGRAM - PROG DETAILS
277:	MAINT	4-16	CREATE-PRXREP PROGRAM - USE
278:	DETAIL	7-11	CREATE-SUFFREP PROGRAM - PROG DETAILS
279:	MAINT	4-17	CREATE-SUFFREP PROGRAM - USE
280:	DETAIL	8-9	CREATE-TRAFREP PROGRAM - PROG DETAILS
281:	MAINT	4-17	CREATE-TRAFREP PROGRAM - USE
282:	RECFM	11-14	CRJE LIBRARY - LIST DIRECTORY
283:	RECFM	11-15	CRJE LIBRARY - LIST MEMBERS ALPHABETICALLY
284:	USER	1-7	CRJE TERMINAL - WRITING OUTPUT TO A TERMINAL
285:	RECFM	12-7	CURRENT DATE - RETRIEVE (GETDATE SUBROUTINE)
286:	RECFM	2-17	CVTACC SUBROUTINE - CALLING SEQUENCE
287:	DETAIL	2-7	CVTACC SUBROUTINE - PROG DETAILS
288:	RECFM	11-22	CVTCITY SUBROUTINE - CALLING SEQUENCE

----- LISTPDS -----

289: DETAIL 11-4 CVTCITY SUBROUTINE - PROG DETAILS
290: RECFM 11-25 CVTCNTY SUBROUTINE - CALLING SEQUENCE
291: DETAIL 11-25 CVTCNTY SUBROUTINE - PROG DETAILS
292: RECFM 2-17 CVTDETA AND CVTDETB ENTRY POINTS OF CVTACC
293: RECFM 13-8 CVTLOCN SUBROUTINE - CALLING SEQUENCE
294: DETAIL 14-3 CVTLOCN SUBROUTINE - PROG DETAILS
295: RECFM 11-28 CVTPROJ SUBROUTINE - CALLING SEQUENCE
296: DETAIL 11-9 CVTPROJ SUBROUTINE - PROG DETAILS
297: RECFM 11-30 CVTSURE SUBROUTINE - CALLING SEQUENCE
298: DETAIL 11-11 CVTSURE SUBROUTINE - PROG DETAILS
299: RECFM 2-17 CVTVEHA AND CVTVEHR ENTRY POINTS OF CVTACC
300: RECFM 2-10 DACFDR SUBROUTINE - CALLING SEQUENCE
301: DETAIL 2-6 DACRDR SUBROUTINE - IN ACCFILE LOAD MODULE
302: DETAIL 2-2 DACRDR SUBROUTINE - PROG DETAILS
303: RECFM 2-8 DACRDQ SUBROUTINE - CALLING SEQUENCE
304: DETAIL 2-6 DACRDQ SUBROUTINE - IN ACCFILE LOAD MODULE
305: DETAIL 2-1 DACRDQ SUBROUTINE - PROG DETAILS
306: RECFM 10-5 DATA ELEMENT NAMES - URBAN SIGN FILES
307: RECFM 1-10 DATA PARAMETER - AS DECODED
308: DATA SET - SEE FILE
309: DATA SET CONTROL BLOCK - SEE DSCR
310: USER 1-11 DATA, START-MILEPOINT & END-MILEPOINT PARAMETERS
311: RECFM 13-6 DATE - DAY OF WEEK FROM DATE (GETDAY)
312: RECFM 13-7 DATE - EDIT FOR VALID DATE (DATEDIT)
313: RECFM 13-6 DATE - JULIAN DAY FROM DATE (GETDAY)
314: RECFM 13-8 DATE - RETRIEVE CURRENT DATE (DATE3 SUBROUTINE)
315: RECFM 13-8 DATE - RETRIEVE CURRENT DATE (DATE4 SUBROUTINE)
316: RECFM 13-7 DATE - RETRIEVE CURRENT DATE (GETDATE)
317: RECFM 1-19 DATE SUBROUTINES - OVERVIEW
318: RECFM 13-7 DATEDIT SUBROUTINE - CALLING SEQUENCE
319: DETAIL 14-2 DATEDIT SUBROUTINE - PROG DETAILS
320: RECFM 13-7 DATE1 SUBROUTINE - CALLING SEQUENCE
321: DETAIL 14-3 DATE1 SUBROUTINE - PROG DETAILS
322: RECFM 13-7 DATE2 SUBROUTINE - CALLING SEQUENCE
323: DETAIL 14-4 DATE2 SUBROUTINE - PROG DETAILS
324: RECFM 13-8 DATE3 SUBROUTINE - CALLING SEQUENCE
325: DETAIL 14-4 DATE3 SUBROUTINE - PROG DETAILS
326: RECFM 13-8 DATE4 SUBROUTINE - CALLING SEQUENCE
327: DETAIL 14-5 DATE4 SUBROUTINE - PROG DETAILS
328: RECFM 13-6 DAY OF WEEK FROM DATE (GETDAY SUBROUTINE)
329: RECFM 1-19 DD STATEMENTS - CHECKING FOR PRESENCE
330: RECFM 1-18 DECIMAL VARIABLES - LINKAGE CONVENTIONS
331: DETAIL 13-10 DECODER - DECODER CONTROL BLOCK
332: DETAIL 13-7 DECODER - PROG DETAILS
333: DETAIL 7-10 DEF-MILES-BY-COUNTY PROGRAM - PROG DETAILS
334: USER 7-14 DEF-MILES-BY-COUNTY PROGRAM - USE
335: DETAIL 13-6 DEFAULTS CONTROL BLOCK
336: MAINT 5-17 DEFENSE CROSS-REFERENCE - ALLOCATION
337: MAINT 4-9 DEFENSE CROSS-REFERENCE - BACKUP
338: CODING 11-3 DEFENSE CROSS-REFERENCE - DATA CARD FORMAT
339: CODING 11-2 DEFENSE CROSS-REFERENCE - LOADING
340: CODING 11-3 DEFENSE CROSS-REFERENCE - UPDATING
341: RECFM 12-2 DEFENSE CROSS-REFERENCE FILE - DEFINT SUBRTN
342: RECFM 12-1 DEFENSE CROSS-REFERENCE FILE - DEFINT SUBRTN
343: RECFM 12-1 DEFENSE CROSS-REFERENCE FILE - RECORD FORMAT
344: DETAIL 3-8 DEFENSE-BDG-LIST PROGRAM - PROG DETAILS
345: USER 3-14 DEFENSE-BDG-LIST PROGRAM - USE
346: DETAIL 3-10 DEFENSE-MILEAGE PROGRAM - PROG DETAILS

----- LISTPDS -----

347:	USER	3-16	DEFENSE-MILEAGE PROGRAM - USE
348:	DETAIL	3-14	DEFENSE-XREF PROGRAM - PROG DETAILS
349:	USER	11-3	DEFENSE-XREF PROGRAM - USE
350:	USER	7-4	DEFICIENT MILEAGE IN SUFFICIENCY RATING FORMULA
351:	RECFM	12-2	DEFPNT SUBROUTINE - CALLING SEQUENCE
352:	DETAIL	3-7	DEFPNT SUBROUTINE - PROG DETAILS
353:	RECFM	12-1	DEFRDI SUBROUTINE - CALLING SEQUENCE
354:	DETAIL	3-6	DEFRDI SUBROUTINE - PROG DETAILS
355:			DELETE FUNCTION - SEE UPDATE
356:	RECFM	11-7	DELETE MEMBER FROM LIBRARY (MODPDS PROGRAM)
357:	RECFM	3-10	DESIGN LOAD DERIVATION (BDGLOAD SUBRTN)
358:			DETAIL FILE - SEE ACCIDENT DETAIL FILE
359:			DIRECTORY FILE - SEE ACCIDENT DIRECTORY FILE
360:			DIRECTORY OF LIBRARY - SEE 'FILE - PARTITIONED'
361:	MAINT	5-20	DISK STORAGE USE - SUMMARY
362:	RECFM	9-7	DISTANCE BETWEEN TWO MILEPOINTS
363:	DETAIL	9-8	DISTB SUBROUTINE - IN TRMFILE LOAD MODULE
364:	DETAIL	9-6	DISTB SUBROUTINE - PROG DETAILS
365:	RECFM	9-7	DISTQ AND DISTB SUBROUTINES - CALLING SEQUENCE
366:	DETAIL	9-8	DISTQ SUBROUTINE - IN TRMFILE LOAD MODULE
367:	DETAIL	9-6	DISTQ SUBROUTINE - PROG DETAILS
368:	RECFM	1-16	DSA (PL/I DYNAMIC SAVE AREA)
369:			DSCR - PRINT A DSCR - SEE PRINT-DSCR
370:			DSCR - RETRIEVE - SEE GETDSCR
371:	DETAIL	13-5	DUMMY SAVEAREA FORMAT
372:	RECFM	13-3	DUMP ENTRY POINT OF PRINT SUBROUTINE
373:	DETAIL	5-22	DUMP FILE=RCADLOG PROGRAM - PROG DETAILS
374:	USER	5-9	DUMP FILE=RCADLOG PROGRAM - USE
375:	DETAIL	8-17	DUMP FILE=TRAFFIC PROGRAM - PROG DETAILS
376:	USER	8-4	DUMP FILE=TRAFFIC PROGRAM - USE
377:	RECFM	13-6	DUMPPD SUBROUTINE - CALLING SEQUENCE
378:	DETAIL	13-15	DUMPPD SUBROUTINE - PROG DETAILS
379:	RECFM	1-16	DYNAMIC SAVE AREA (DSA) OF PL/I
380:	RECFM	13-12	DYNAMIC SUBROUTINE - RETRIEVE (FETCH SUBRTN)
381:	RECFM	1-20	DYNAMIC SUBROUTINES
382:	RECFM	1-3	D37 ABEND WHEN COMPILING OR LINKING
383:	DETAIL	2-31	EDIT FILE=ACCIDENT PROGRAM - PROG DETAILS
384:	CODING	2-50	EDIT FILE=ACCIDENT PROGRAM - PROG DETAILS - FLOW TABLE
385:	CODING	2-7	EDIT FILE=ACCIDENT PROGRAM - USE
386:	CODING	5-8	EDIT FILE=RCADLOG - USE
387:	DETAIL	5-16	EDIT FILE=RCADLOG PROGRAM - PROG DETAILS
388:	DETAIL	6-9	EDIT FILE=SKID PROGRAM - PROG DETAILS
389:	CODING	6-5	EDIT FILE=SKID PROGRAM - USE
390:	RECFM	5-11	EDIT KEY AGAINST ROADLOG FILE (KEYRLG SUBRTN)
391:	DETAIL	2-36	EDIT TABLE - ACCIDENT - RECORD FORMAT
392:	DETAIL	6-16	EDIT TABLE - SKID - RECORD FORMAT
393:	RECFM	11-42	EDIT TABLES
394:	DETAIL	14-22	EDIT-GRIDTBL PROGRAM - PROG DETAILS
395:	DETAIL	10-4	EDITSGN SUBROUTINE - PROG DETAILS
396:	USER	2-4	END-DATE PARAMETER
397:	USER	1-11	END-MILEPOINT PARAMETER
398:	RECFM	11-20	EQUIV TABLE - EQUIV-TABLE PROGRAM
399:	RECFM	11-19	EQUIV TABLE - RECORD FORMAT
400:	DETAIL	11-22	EQUIV-TABLE PROGRAM - PROG DETAILS
401:	RECFM	11-20	EQUIV-TABLE PROGRAM - USE
402:	CODING	2-52	ERROR MESSAGES - ACCIDENT UPDATE PROGRAM
403:	RECFM	2-15	ERROR MESSAGES - ACCRD
404:	RECFM	3-7	ERROR MESSAGES - EDGRD

----- LISTPDS -----

405:	RECFM	3-6	ERROR MESSAGES - RDGFDD
406:	RECFM	11-10	ERROR MESSAGES - BPAMRD
407:	RECFM	11-11	ERROR MESSAGES - BPAMWR
408:	CODING	3-24	ERROR MESSAGES - BRIDGE UPDATE PROGRAM
409:	RECFM	2-10	ERROR MESSAGES - DACRDB
410:	RECFM	2-9	ERROR MESSAGES - DACRDQ
411:	RECFM	9-8	ERROR MESSAGES - DISTQ/DISTB
412:	RECFM	5-11	ERROR MESSAGES - KEYRLG
413:	RECFM	9-6	ERROR MESSAGES - POINTQ/POINTB
414:	CODING	4-14	ERROR MESSAGES - RAILROAD UPDATE PROGRAM
415:	RECFM	5-8	ERROR MESSAGES - RLGRD
416:	RECFM	5-6	ERROR MESSAGES - RLGRDQ
417:	CODING	5-27	ERROR MESSAGES - ROADLOG UPDATE PROGRAM
418:	RECFM	4-5	ERROR MESSAGES - RFXFD
419:	USER	12-8	ERROR MESSAGES - SELECT
420:	RECFM	6-4	ERROR MESSAGES - SKDRD
421:	RECFM	6-2	ERROR MESSAGES - SKDRDQ
422:	RECFM	6-5	ERROR MESSAGES - SKDUPD
423:	CODING	6-16	ERROR MESSAGES - SKID UPDATE PROGRAM
424:	CODING	7-11	ERROR MESSAGES - SUFFICIENCY UPDATE PROGRAM
425:	RECFM	7-5	ERROR MESSAGES - SUFRD
426:	RECFM	7-4	ERROR MESSAGES - SUFRDQ
427:	CODING	8-11	ERROR MESSAGES - TRAFFIC UPDATE PROGRAM
428:	RECFM	8-7	ERROR MESSAGES - TRFRD
429:	RECFM	8-5	ERROR MESSAGES - TRFRDQ
430:	RECFM	9-4	ERROR MESSAGES - TRMRDP
431:	RECFM	9-3	ERROR MESSAGES - TRMRDQ
432:	RECFM	8-11	ERROR MESSAGES - TRRRDQ
433:	CODING	9-5	ERROR MESSAGES - TRUMILE UPDATE PROGRAM
434:	CODING	10-24	ERROR MESSAGES - URBAN SIGN UPDATE PROGRAM
435:	RECFM	2-12	ERROR MESSAGES - VACRDA
436:	RECFM	8-9	ERROR MESSAGES - VEHMILE
437:	USER	10-18	ERROR MESSAGES - 38-XXX
438:	USER	1-10	EVEN-PAGE-POSITION PARAMETER
439:	RECFM	13-12	FETCH SUBROUTINE - CALLING SEQUENCE
440:	DETAIL	13-11	FETCH SUBROUTINE - PROG DETAILS
441:			FILE - INDEXED-SEQUENTIAL - SEE 'FILE - IS'
442:	MAINT	2-5	FILE - IS - ALLOCATION
443:	MAINT	3-1	FILE - IS - CALC-BLKSIZE PROGRAM
444:	MAINT	2-6	FILE - IS - CALCULATION OF BLOCK SIZE
445:	MAINT	2-6	FILE - IS - CALCULATION OF CAPACITY
446:	RECFM	13-11	FILE - IS - COPY TO SEQL FILE (BACKUP SUBRTN)
447:	MAINT	2-5	FILE - IS - DESCRIPTION
448:	MAINT	2-5	FILE - IS - JCL
449:	RECFM	13-12	FILE - IS - LOAD FROM SEQL FILE (LOAD SUBPTN)
450:	MAINT	3-2	FILE - IS - PRINT-DSCB PROGRAM
451:	MAINT	2-7	FILE - IS - REORGANIZATION
452:	MAINT	2-1	FILE - ORGANIZATIONS
453:	MAINT	2-4	FILE - PARTITIONED - ALLOCATION
454:	RECFM	11-9	FILE - PARTITIONED - BPAMRD/TABLRD READ SUBRTN
455:	RECFM	11-10	FILE - PARTITIONED - BPAMWR/TABLWR LOAD SUBRTN
456:	MAINT	2-4	FILE - PARTITIONED - CALCULATION OF BLKSIZE
457:	MAINT	2-4	FILE - PARTITIONED - COMPRESS
458:	RECFM	11-15	FILE - PARTITIONED - CRJE - LIST MEMBERS
459:	RECFM	11-7	FILE - PARTITIONED - DELETE A MEMBER (MODPDS)
460:	MAINT	2-4	FILE - PARTITIONED - DESCRIPTION
461:	RECFM	11-12	FILE - PARTITIONED - DIRECTORY, READ ALPHABETICALLY
462:	RECFM	11-12	FILE - PARTITIONED - FORMAT OF DIRECTORY ENTRIES

----- LISTPDS -----

463:	RECFM	11-43	FILE - PARTITIONED - HIS.TABLES MEMBER NAMES
464:	MAINT	2-4	FILE - PARTITIONED - JCL
465:	RECFM	11-1	FILE - PARTITIONED - LIST A MEMBER (LISTPDS)
466:	RECFM	11-14	FILE - PARTITIONED - LIST DIRECTORY (LIST-PDS-DIRECT)
467:	RECFM	11-15	FILE - PARTITIONED - LIST MEMBERS ALPHABETICALLY
468:	RECFM	11-15	FILE - PARTITIONED - LIST-PDS-MEMBERS PROGRAM
469:	RECFM	11-3	FILE - PARTITIONED - LOAD A MEMBER (LOADPDS)
470:	RECFM	11-12	FILE - PARTITIONED - PDSDIR DIRECTORY READ SUBRTN
471:	RECFM	11-13	FILE - PARTITIONED - PDSRC READ SUBROUTINE
472:	RECFM	11-13	FILE - PARTITIONED - READ MEMBERS ALPHABETICALLY
473:	RECFM	11-7	FILE - PARTITIONED - RENAME A MEMBER (MODPDS)
474:	RECFM	11-9	FILE - PARTITIONED - TABLED/BPAMRD READ SUBRTN
475:	RECFM	11-10	FILE - PARTITIONED - TABLED/BPAMWR LOAD SUBRTN
476:	RECFM	11-5	FILE - PARTITIONED - UPDATE A MEMBER (UPDPDS)
477:	MAINT	2-1	FILE - PS - ALLOCATION
478:	MAINT	3-1	FILE - PS - CALC-PLKSIZE PROGRAM
479:	MAINT	2-2	FILE - PS - CALCULATION OF BLOCK SIZE
480:	MAINT	2-2	FILE - PS - CALCULATION OF CAPACITY
481:	MAINT	3-4	FILE - PS - CHANGE RECORD LENGTH (COPY-SEQL-FILE)
482:	RECFM	13-12	FILE - PS - COPY TO ISAM FILE (LOAD SUBRTN)
483:	MAINT	3-4	FILE - PS - COPY-SEQL-FILE PROGRAM
484:	MAINT	2-1	FILE - PS - DESCRIPTION
485:	MAINT	2-1	FILE - PS - JCL
486:	RECFM	11-1	FILE - PS - LIST (LISTPDS)
487:	RECFM	11-3	FILE - PS - LOAD (LOADPDS)
488:	RECFM	11-5	FILE - PS - UPDATE (UPDPDS)
489:			FILE - SEQUENTIAL - SEE 'FILE - PS'
490:	MAINT	2-7	FILE - VSAM
491:	DETAIL	12-1	FILE ACCESS ROUTINES - OVERVIEW
492:	RECFM	1-20	FILE ACCESS SUBROUTINES - OVERVIEW
493:	RECFM	1-8	FILE PARAMETER - AS DECODED
494:	RECFM	11-33	FILE REWRITE TABLES - LIST-FILE-TABLE PROGRAM
495:	RECFM	11-34	FILE REWRITE TABLES - LOAD (BUILD-FILE-TABLE)
496:	RECFM	11-32	FILE REWRITE TABLES - RECORD FORMAT
497:	RECFM	11-35	FILE REWRITE TABLES - REWRITE SUBROUTINE
498:	RECFM	11-34	FILE REWRITE TABLES - UPDATE-FILE-TABLE PROGRAM
499:	RECFM	1-17	FIXED BINARY VARIABLES - LINKAGE CONVENTIONS
500:	RECFM	1-18	FIXED DECIMAL VARIABLES - LINKAGE CONVENTIONS
501:	DETAIL	5-12	FORHWW-SUMMARY PROGRAM - PROG DETAILS
502:	USER	5-20	FORHWW-SUMMARY PROGRAM - USE
503:	DETAIL	2-9	FORM-16 PROGRAM - PROG DETAILS
504:	USER	2-24	FORM-16 PROGRAM - USE
505:	DETAIL	11-16	FTLOAD SUBROUTINE - PROG DETAILS
506:	DETAIL	11-16	FTSUM SUBROUTINE - PROG DETAILS
507:	RECFM	1-8	FUNCTION PARAMETER - AS DECODED
508:	CODING	5-17	FUNCTIONAL CLASS CODES - ROADLOG FILE
509:	RECFM	11-23	GETCITY SUBROUTINE - CALLING SEQUENCE
510:	DETAIL	11-5	GETCITY SUBROUTINE - PROG DETAILS
511:	RECFM	11-26	GETCNTY SUBROUTINE - CALLING SEQUENCE
512:	DETAIL	11-25	GETCNTY SUBROUTINE - PROG DETAILS
513:	RECFM	13-7	GETDATE SUBROUTINE - CALLING SEQUENCE
514:	DETAIL	14-2	GETDATE SUBROUTINE - PROG DETAILS
515:	RECFM	13-6	GETDAY SUBROUTINE - CALLING SEQUENCE
516:	DETAIL	14-1	GETDAY SUBROUTINE - PROG DETAILS
517:	RECFM	13-10	GETDSCB SUBROUTINE - CALLING SEQUENCE
518:	DETAIL	14-8	GETDSCB SUBROUTINE - PROG DETAILS
519:	RECFM	13-10	GETJFCB SUBROUTINE - CALLING SEQUENCE
520:	DETAIL	14-7	GETJFCB SUBROUTINE - PROG DETAILS



----- LISTPDS -----

521: DETAIL 13-15 GETLIST SUBROUTINE - PROG DETAILS
522: DETAIL 13-3 GETPARM SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
523: RECFM 11-32 GETSUFF SUBROUTINE - CALLING SEQUENCE
524: DETAIL 11-13 GETSUFF SUBROUTINE - PROG DETAILS
525: RECFM 13-13 GETTIOT SUBROUTINE - CALLING SEQUENCE
526: DETAIL 13-14 GETTIOT SUBROUTINE - PROG DETAILS
527: DETAIL 10-21 GREAT-FALLS-LOAD PROGRAM - PROG DETAILS
528: MAINT 5-17 GRID TABLE - ALLOCATION
529: MAINT 4-9 GRID TABLE - BACKUP
530: CODING 11-1 GRID TABLE - DATA CARD FORMAT
531: USER 11-1 GRID TABLE - GRIDTBL-SORT-&-LIST PROGRAM
532: USER 11-1 GRID TABLE - INTRODUCTION
533: USER 11-1 GRID TABLE - LIST-GRID-TABLE PROGRAM
534: CODING 11-1 GRID TABLE - LOADING A NEW GRID TABLE
535: RECFM 12-1 GRID TABLE - RECORD FORMAT
536: CODING 11-2 GRID TABLE - UPDATING THE GRID TABLE
537: DETAIL 14-20 GRIDSEQ SUBROUTINE - PROG DETAILS
538: DETAIL 14-21 GRIDTRL-CODING-SHEET PROGRAM - PROG DETAILS
539: DETAIL 14-21 GRIDTRL-SORT-&-LIST PROGRAM - PROG DETAILS
540: USER 11-1 GRIDTBL-SORT-&-LIST PROGRAM - USE
541: DETAIL 13-2 HEADER - PROG DETAILS
542: DETAIL 2-21 HIGH-ACC-INTERSECTNS PROGRAM - PROG DETAILS
543: USER 2-60 HIGH-ACC-INTERSECTNS PROGRAM - USE
544: MAINT 5-20 HIS.LOADTST LIBRARY - ALLOCATION
545: MAINT 4-2 HIS.LOADTST LIBRARY - BACKUP
546: MAINT 4-13 HIS.LOADTST LIBRARY - COMPRESS
547: RECFM 1-7 HIS.LOADTST LIBRARY - DELETE MEMBERS
548: RECFM 1-2 HIS.LOADTST LIBRARY - DESCRIPTION
549: MAINT 5-20 HIS.OBJECT LIBRARY - ALLOCATION
550: MAINT 4-2 HIS.OBJECT LIBRARY - BACKUP
551: MAINT 4-13 HIS.OBJECT LIBRARY - COMPRESS
552: RECFM 1-7 HIS.OBJECT LIBRARY - DELETE MEMBERS
553: RECFM 1-1 HIS.OBJECT LIBRARY - DESCRIPTION
554: MAINT 5-20 HIS.REL4PT0 LIBRARY - ALLOCATION
555: MAINT 4-2 HIS.REL4PT0 LIBRARY - BACKUP
556: MAINT 4-13 HIS.REL4PT0 LIBRARY - COMPRESS
557: RECFM 1-2 HIS.REL4PT0 LIBRARY - DESCRIPTION
558: RECFM 1-6 HIS.SUBRTN4 LIBRARY - ADD A MEMBER
559: MAINT 5-20 HIS.SUBRTN4 LIBRARY - ALLOCATION
560: MAINT 4-2 HIS.SUBRTN4 LIBRARY - BACKUP
561: MAINT 4-13 HIS.SUBRTN4 LIBRARY - COMPRESS
562: RECFM 1-2 HIS.SUBRTN4 LIBRARY - DESCRIPTION
563: HIS.TABLES - ALSO SEE TABLES
564: MAINT 5-20 HIS.TABLES LIBRARY - ALLOCATION
565: MAINT 4-2 HIS.TABLES LIBRARY - BACKUP
566: MAINT 4-13 HIS.TABLES LIBRARY - COMPRESS
567: RECFM 11-43 HIS.TABLES LIBRARY - MEMBER NAMES
568: DETAIL 14-16 HISCOPY PROGRAM - PROG DETAILS
569: RECFM 1-4 HISCV4 CATALOGED PROCEDURE
570: RECFM 1-3 HISCV0 CATALOGED PROCEDURE
571: RECFM 10-9 HISXSGNFC ++INCLUDE MODULE
572: RECFM 10-11 HISXUSNRD ++INCLUDE MODULE
573: USER 1-8 HISX133 CATALOGED PROCEDURE
574: RECFM 1-4 HIS4L CATALOGED PROCEDURE
575: RECFM 1-4 HIS4LREP CATALOGED PROCEDURE
576: RECFM 1-4 HIS4VA CATALOGED PROCEDURE
577: RECFM 1-3 HIS4VC CATALOGED PROCEDURE
578: RECFM 11-22 INCITY SUBROUTINE - CALLING SEQUENCE



----- LISTPDS -----

579:	DETAIL	11-4	INCITY SUBROUTINE - PROG DETAILS
580:	RECFM	11-25	INCNTRY SUBROUTINE - CALLING SEQUENCE
581:	DETAIL	11-24	INCNTRY SUBROUTINE - PROG DETAILS
582:			INDEXED-SEQUENTIAL - SEE FILE - IS
583:	DETAIL	13-16	INITIALIZER - PROG DETAILS
584:	RECFM	11-28	INPROJ SUBROUTINE - CALLING SEQUENCE
585:	DETAIL	11-8	INPROJ SUBROUTINE - PROG DETAILS
586:	RECFM	11-26	INPTW SUBROUTINE - CALLING SEQUENCE
587:	DETAIL	11-21	INPTW SUBROUTINE - PROG DETAILS
588:			INSERT FUNCTION - SEE UPDATE
589:	RECFM	11-19	INSTR PARM TABLE - LIST-PARM-TABLE PROGRAM
590:	RECFM	11-18	INSTR PARM TABLE - RECDPD FORMAT
591:	RECFM	11-19	INSTR PARM TABLE - UPDATE-PARM-TABLE PROGRAM
592:	RECFM	1-14	INSTRUCTION - PAFM SEGMENT
593:	RECFM	1-10	INSTRUCTION - PROGRAM SEGMENT
594:	RECFM	13-2	INSTRUCTION - RETRIEVAL (SETINST)
595:	RECFM	1-8	INSTRUCTION - SYSTEM SEGMENT
596:			INSTRUCTION PARAMETER TABLE - SEE 'INSTR PARM TABLE'
597:			INTERSECTION - SEE ACCIDENT INTERSECTION
598:			INTERSECTION TABLE (MUNICIPAL) - SEE 'GRID TABLE'
599:			INTERSECTN ACCIDENT ANALYSIS - SEE HIGH-ACC-INTERSECTNS
600:	USER	2-76	INTERSECTN,RURAL - ACCIDENT ANALYSIS
601:	CODING	5-5	INTERSTATE LOOPS
602:	CODING	3-10	INVENTORY ROUTE - FORMAT AS STORED IN BRIDGE FILE
603:	RECFM	3-8	INVENTORY ROUTE DECOMPOSITION (RDGIRTE SUPRTN)
604:	RECFM	3-9	INVENTORY ROUTE TO SIGNED ROUTE (BDGS RTE SUPRTN)
605:			ISAM - SEE FILE - IS
606:			JCL - SEE 'JOB CONTROL LANGUAGE'
607:			JFCB - SEE PRINT-JFCB
608:	USER	1-4	JOB CARD
609:	USER	1-4	JOB CONTROL LANGUAGE - INTRODUCTION
610:			JOB FILE CONTROL BLOCK - SEE PRINT-JFCB
611:	RECFM	13-6	JULIAN DAY FROM DATE (GETDAY SUBROUTINE)
612:			JUNCTION - SEE INTERSECTN
613:	DETAIL	8-19	KEY-LIST FILE=TRAFFIC PROGRAM - PROG DETAILS
614:	CODING	8-7	KEY-LIST FILE=TRAFFIC PROGRAM - USE
615:	RECFM	5-11	KEYRLG SUBROUTINE - CALLING SEQUENCE
616:	DETAIL	5-4	KEYRLG SUBROUTINE - PROG DETAILS
617:	CODING	3-9	LATITUDE - FORMAT AS STORED IN BRIDGE FILE
618:	MAINT	5-20	LIBRARIES - ALLOCATION
619:	MAINT	4-2	LIBRARIES - BACKUP
620:	RECFM	1-1	LIBRARIES - DESCRIPTION
621:			LIBRARY - SEE 'FILE - PARTITIONED'
622:	RECFM	1-4	LINK-EDITOR PROCEDURES
623:	RECFM	1-15	LINKAGE CONVENTIONS - PL/I AND ASSEMBLER
624:	DETAIL	2-38	LIST FILE=ACCIDENT PROGRAM - PROG DETAILS
625:	USER	2-10	LIST FILE=ACCIDENT PROGRAM - USE
626:	DETAIL	3-20	LIST FILE=BRIDGE PROGRAM - PROG DETAILS
627:	USER	3-4	LIST FILE=BRIDGE PROGRAM - USE
628:	DETAIL	4-11	LIST FILE=RAILROAD PROGRAM - PROG DETAILS
629:	USER	4-3	LIST FILE=RAILROAD PROGRAM - USE
630:	DETAIL	5-23	LIST FILE=ROADLOG PROGRAM - PROG DETAILS
631:	USER	5-6	LIST FILE=ROADLOG PROGRAM - USE
632:	DETAIL	6-20	LIST FILE=SKID PROGRAM - PROG DETAILS
633:	USER	6-5	LIST FILE=SKID PROGRAM - USE
634:	DETAIL	7-22	LIST FILE=SUFFICIENCY PROGRAM - PROG DETAILS
635:	USER	7-6	LIST FILE=SUFFICIENCY PROGRAM - USE
636:	DETAIL	8-18	LIST FILE=TRAFFIC PROGRAM - PROG DETAILS

----- LISTPDS -----

637:	USER	8-3	LIST FILE=TRAFFIC PROGRAM - USE
638:	DETAIL	9-14	LIST FILE=TRUMILE PROGRAM - PROG DETAILS
639:	USER	9-1	LIST FILE=TRUMILE PROGRAM - USE
640:	DETAIL	10-20	LIST FILE=URBAN-SIGN PROGRAM - PROG DETAILS
641:	USER	10-4	LIST FILE=URBAN-SIGN PROGRAM - USE
642:	DETAIL	5-6	LIST-&-SUM PROGRAM - PROG DETAILS
643:	USER	5-12	LIST-&-SUM PROGRAM - USE
644:	DETAIL	2-27	LIST-ACC-RY-SECTN PROGRAM - PROG DETAILS
645:	USER	2-69	LIST-ACC-RY-SECTN PROGRAM - USE
646:	DETAIL	3-13	LIST-BDGREP PROGRAM - PROG DETAILS
647:	USER	3-12	LIST-BDGREP PROGRAM - USE
648:	DETAIL	7-6	LIST-RY-DISTRICT PROGRAM - PROG DETAILS
649:	USER	7-12	LIST-RY-DISTRICT PROGRAM - USE
650:	DETAIL	7-8	LIST-BY-RATING PROGRAM - PROG DETAILS
651:	USER	7-10	LIST-BY-RATING PROGRAM - USE
652:	DETAIL	7-6	LIST-BY-SECTION PROGRAM - PROG DETAILS
653:	USER	7-10	LIST-BY-SECTION PROGRAM - USE
654:	DETAIL	11-2	LIST-CITY-TABLE PROGRAM - PROG DETAILS
655:	RECFM	11-21	LIST-CITY-TABLE PROGRAM - USE
656:	DETAIL	11-23	LIST-COUNTY-TABLE PROGRAM - PROG DETAILS
657:	RECFM	11-24	LIST-COUNTY-TABLE PROGRAM - USE
658:	DETAIL	2-30	LIST-FA-ACC-DIREC PROGRAM - PROG DETAILS
659:	USER	2-14	LIST-FA-ACC-DIREC PROGRAM - USE
660:	DETAIL	11-13	LIST-FILE-TABLE PROGRAM - PROG DETAILS
661:	RECFM	11-33	LIST-FILE-TABLE PROGRAM - USE
662:	DETAIL	14-25	LIST-GRID-TABLE PROGRAM - PROG DETAILS
663:	USER	11-1	LIST-GRID-TABLE PROGRAM - USE
664:	DETAIL	5-24	LIST-ILOOPS PROGRAM - PROG DETAILS
665:	USER	5-12	LIST-ILOOPS PROGRAM - USE
666:	DETAIL	11-19	LIST-LOADMOD-TABLE PROGRAM - PROG DETAILS
667:	RECFM	11-38	LIST-LOADMOD-TABLE PROGRAM - USE
668:	DETAIL	11-18	LIST-PARM-TABLE PROGRAM - PROG DETAILS
669:	RECFM	11-19	LIST-PARM-TABLE PROGRAM - USE
670:	DETAIL	14-12	LIST-PDS-DIREC PROGRAM - PROG DETAILS
671:	RECFM	11-14	LIST-PDS-DIREC PROGRAM - USE
672:	DETAIL	14-13	LIST-PDS-MEMBERS PROGRAM - PROG DETAILS
673:	RECFM	11-15	LIST-PDS-MEMBERS PROGRAM - USE
674:	DETAIL	11-1	LIST-PROGRAM-TABLE PROGRAM - PROG DETAILS
675:	RECFM	11-16	LIST-PROGRAM-TABLE PROGRAM - USE
676:	DETAIL	11-7	LIST-PROJECT-TABLE PROGRAM - PROG DETAILS
677:	RECFM	11-27	LIST-PROJECT-TABLE PROGRAM - USE
678:	DETAIL	11-20	LIST-PTW-TABLE PROGRAM - PROG DETAILS
679:	RECFM	11-26	LIST-PTW-TABLE PROGRAM - USE
680:	DETAIL	12-21	LIST-SELECT-TABLE PROGRAM - PROG DETAILS
681:	RECFM	11-41	LIST-SELECT-TABLE PROGRAM - USE
682:	DETAIL	10-5	LIST-SIGNS-RY-STREET PROGRAM - PROG DETAILS
683:	USER	10-6	LIST-SIGNS-RY-STREET PROGRAM - USE
684:	DETAIL	11-20	LIST-SOURCE-XREF PROGRAM - PROG DETAILS
685:	RECFM	11-39	LIST-SOURCE-XREF PROGRAM - USE
686:	DETAIL	11-11	LIST-SUFF-TABLE PROGRAM - PROG DETAILS
687:	RECFM	11-31	LIST-SUFF-TABLE PROGRAM - USE
688:	DETAIL	7-15	LIST-SUFFEREP PROGRAM - PROG DETAILS
689:	USER	7-7	LIST-SUFFEREP PROGRAM - USE
690:	DETAIL	11-9	LIST-SURFACE-TABLE PROGRAM - PROG DETAILS
691:	RECFM	11-29	LIST-SURFACE-TABLE PROGRAM - USE
692:	DETAIL	3-10	LIST-TRAFREP PROGRAM - PROG DETAILS
693:	USER	3-6	LIST-TRAFREP PROGRAM - USE
694:	DETAIL	11-27	LISTPDS PROGRAM - PROG DETAILS

----- LISTPDS -----

695:	RECFM	11-1	LISTPDS PROGRAM - USE
696:	RECFM	1-4	LOAD MODULE - LINK-EDIT PROCEDURES
697:	DETAIL	A-1	LOAD MODULE - LIST OF NAMES
698:	DETAIL	R-1	LOAD MODULE - LOAD MODULE SUMMARY
699:	RECFM	1-6	LOAD MODULE - REPLACE AN OBJECT MODULE
700:	RECFM	13-12	LOAD MODULE - RETRIEVE FOR EXECUTION (FETCH)
701:	DETAIL	C-1	LOAD MODULE - SOURCE MODULE CROSS-REFERENCE LISTING
702:			LOAD MODULE LIBRARIES - SEE HIS.LOADTST
703:			LOAD MODULE LIBRARIES - SEE HIS.PEL4PT0,HIS.SUBRTN4
704:	RECFM	1-14	LOAD MODULE NAMING CONVENTION
705:	RECFM	11-38	LOAD MODULE TABLE - LIST-LOADMOD-TABLE PROGRAM
706:	RECFM	11-39	LOAD MODULE TABLE - LIST-SOURCE-XREF PROGRAM
707:	RECFM	11-39	LOAD MODULE TABLE - LOAD PROCEDURES
708:	RECFM	11-38	LOAD MODULE TABLE - RECORD FORMAT
709:	RECFM	11-39	LOAD MODULE TABLE - UPDATE PROCEDURES
710:	RECFM	13-12	LOAD SUBROUTINE - CALLING SEQUENCE
711:	DETAIL	14-9	LOAD SUBROUTINE - PROG DETAILS
712:	DETAIL	11-26	LOADPDS PROGRAM - PROG DETAILS
713:	RECFM	11-3	LOADPDS PROGRAM - USE
714:			LOADTST LIBRARY - SEE HIS.LOADTST
715:	USER	5-30	LOCAL-BY-ROAD# PROGRAM - USE
716:	USER	5-32	LOCAL-BY-SURF-TYPE PROGRAM - USE
717:	USER	2-6	LOCATION PARAMETER
718:	RECFM	13-8	LOCATION PARAMETER - INTERPRET (CVTLCCN SUPRTN)
719:	CODING	3-9	LONGITUDE - FORMAT AS STORED IN BRIDGE FILE
720:	CODING	5-3	LOOPS - AS CODED IN ROADLOG FILE
721:	CODING	8-2	LOOPS - AS CODED IN TRAFFIC FILE
722:	DETAIL	6-8	LOW-SKID-NUMBERS PROGRAM - PROG DETAILS
723:	USER	6-7	LOW-SKID-NUMBERS PROGRAM - USE
724:	MAINT	5-17	MAINTENANCE DIVISION CROSS-REFERENCE - ALLOCATION
725:	MAINT	4-11	MAINTENANCE DIVISION CROSS-REFERENCE - BACKUP
726:	RECFM	12-2	MAINTENANCE DIVISION CROSS-REFERENCE FILE - REC FORMAT
727:	CODING	5-25	MAINTENANCE DIVISIONS
728:	MAINT	5-18	MAINTENANCE SECTION CROSS-REFERENCE - ALLOCATION
729:	MAINT	4-12	MAINTENANCE SECTION CROSS-REFERENCE - BACKUP
730:	RECFM	12-2	MAINTENANCE SECTION CROSS-REFERENCE FILE - REC FORMAT
731:	DETAIL	7-9	MAP-TABLE PROGRAM - PROG DETAILS
732:	USER	7-14	MAP-TABLES PROGRAM - USE
733:	RECFM	11-43	MEMBER NAMES - HIS.TABLES
734:			MEMOS - SEE ACCIDENT MEMOS
735:			MEMOS FILE - SEE ACCIDENT MEMOS FILE
736:			MESSAGES - SEE ERROR MESSAGES
737:	RECFM	9-4	MILEPOINT - ADJUSTMENT (PCINTQ)
738:	RECFM	9-4	MILEPOINT - CALCULATION FROM TRUE MILEAGE
739:	RECFM	9-7	MILEPOINT - CALCULATION OF DISTANCE BETWEEN MILEPOINTS
740:	RECFM	11-37	MILEPOINT - TEST FOR M.P. IN PTW SECTION (TESTPTW)
741:	DETAIL	11-29	MODPDS PROGRAM - PROG DETAILS
742:	RECFM	11-7	MODPDS PROGRAM - USE
743:	DETAIL	A-1	MODULE NAMES - SOURCE,OBJECT,LOAD MODULES
744:	DETAIL	2-13	MOTORCYCLE-SUMMARY PROGRAM - PROG DETAILS
745:	USER	2-37	MOTORCYCLE-SUMMARY PROGRAM - USE
746:	DETAIL	A-1	NAMES OF SOURCE,OBJECT,LOAD MODULES
747:	RECFM	1-14	NAMING CONVENTIONS - SOURCE AND LOAD MODULES
748:	RECFM	10-5	NAMING CONVENTIONS - URBAN SIGN DATA ELEMENTS
749:			NEW-KEY FUNCTION - SEE UPDATE
750:	RECFM	1-18	NULL PCINTER
751:			OBJECT LIBRARY - SEE HIS.OBJECT
752:	DETAIL	A-1	OBJECT MODULE - LIST OF NAMES



----- LISTPDS -----

753:	RECFM	1-14	OBJECT MODULE NAMING CONVENTIONS
754:	USER	1-10	ODD-PAGE-POSITION PARAMETER
755:	USER	2-76	OPEN RANGE ACCIDENT ANALYSIS
756:	USER	1-7	OUTPUT-FILE PARAMETER
757:	USER	1-10	PAGE-EJECT PARAMETER
758:	USER	1-10	PAGE-INCREMENT PARAMETER
759:	USER	1-9	PAGE-NUMBER PARAMETER
760:	USER	1-10	PAGE-POSITION - EVEN & ODD
761:	USER	1-9	PAGESIZE PARAMETER
762:	MAINT	3-6	PANBACK - COPY MODULE TO PARTITIONED FILE (LIBRARY)
763:	MAINT	3-7	PANBACK - PRINT SOURCE MODULES
764:	MAINT	3-6	PANBACK - RESTORE A SOURCE MODULE
765:	MAINT	3-5	PANBACK - USE OF PANBACK PROGRAM
766:	DETAIL	14-10	PANBACK PROGRAM - PROG DETAILS
767:	DETAIL	14-12	PANBACK-TO-PDS PROGRAM - PROG DETAILS
768:	MAINT	3-6	PANBACK-TO-PDS PROGRAM - USE
769:	DETAIL	14-11	PANRSTR PROGRAM - PROG DETAILS
770:	MAINT	3-6	PANRSTR PROGRAM - USE
771:			PANVALET BACKUP - SEE PANBACK
772:	RECFM	1-1	PANVALET LIBRARY - DESCRIPTION
773:	DETAIL	13-4	PARAMETER CONTROL BLOCK
774:			PARAMETER TABLE - SEE 'INSTP PARM TABLE'
775:	RECFM	1-14	PARM SEGMENT OF INSTRUCTION
776:			PARTITIONED - SEE FILE - PARTITIONED
777:			PASSED PARAMETER TABLE - SEE 'PASSPARM TABLE'
778:	RECFM	11-17	PASSPARM TABLE - PASSPARM-TABLE PROGRAM
779:	RECFM	11-17	PASSPARM TABLE - RECORD FORMAT
780:	DETAIL	11-17	PASSPARM-TABLE PROGRAM - PROG DETAILS
781:	RECFM	11-17	PASSPARM-TABLE PROGRAM - USE
782:	RECFM	11-12	PDSDIR SUBROUTINE - CALLING SEQUENCE
783:	DETAIL	14-6	PDSDIR SUBROUTINE - PROG DETAILS
784:	RECFM	11-13	PDSRD SUBROUTINE - CALLING SEQUENCE
785:	DETAIL	14-7	PDSRD SUBROUTINE - PROG DETAILS
786:	RECFM	1-3	PL/I COMPILATION
787:	RECFM	1-16	PL/I DYNAMIC SAVE AREA (DSA)
788:	RECFM	1-15	PL/I TO ASSEMBLER LINKAGE CONVENTIONS
789:	DETAIL	9-8	POINTB SUBROUTINE - IN TRMFILE LOAD MODULE
790:	DETAIL	9-5	POINTB SUBROUTINE - PROG DETAILS
791:	RECFM	1-18	POINTER VARIABLES - LINKAGE CONVENTIONS
792:	RECFM	1-18	POINTER VARIABLES - NULL
793:	RECFM	9-4	POINTQ AND POINTE SUBROUTINES - CALLING SEQUENCE
794:	DETAIL	9-8	POINTQ SUBROUTINE - IN TRMFILE LOAD MODULE
795:	DETAIL	9-4	POINTQ SUBROUTINE - PROG DETAILS
796:	CODING	5-18	POPULATION CODES
797:	RECFM	11-21	POPULATION CODES
798:	DETAIL	3-9	PRE-ATTACK-BDG-TAPE PROGRAM - PROG DETAILS
799:	USER	3-18	PRE-ATTACK-BDG-TAPE PROGRAM - USE
800:			PRESENT TRAVELED WAY - SEE PTW
801:	DETAIL	13-5	PRINT CONTROL BLOCK
802:	USER	1-8	PRINT OPTIONS - MORE THAN ONE COPY
803:	USER	1-9	PRINT OPTIONS - NUMBER OF LINES PER PAGE
804:	USER	1-7	PRINT OPTIONS - OUTPUT TO CPJE TERMINAL
805:	USER	1-7	PRINT OPTIONS - OUTPUT TO SPECIAL FORMS
806:	USER	1-8	PRINT OPTIONS - OUTPUT TO TAPE/DISK
807:	USER	1-9	PRINT OPTIONS - PAGE NUMBERS
808:	USER	1-10	PRINT OPTIONS - SUPPRESS NEW PAGE EJECTION
809:	USER	1-10	PRINT OPTIONS - TABLE NUMBERS
810:	USER	1-10	PRINT OPTIONS - TOP MARGINS

----- LISTPDS -----

811:	USER	1-10	PRINT OPTIONS - USER PAGE TITLES
812:	RECFM	13-1	PRINT SUBROUTINE - CALLING SEQUENCE
813:	RECFM	1-19	PRINT SUBROUTINE - OVERVIEW
814:	DETAIL	13-5	PRINT SUBROUTINE - PRINT CONTROL BLOCK
815:	DETAIL	13-10	PRINT SUBROUTINE - PROG DETAILS
816:	RECFM	13-4	PRINT SUBROUTINE - SAMPLE PROGRAM
817:	DETAIL	14-15	PRINT-DSCB PROGRAM - PROG DETAILS
818:	MAINT	3-2	PRINT-DSCB PROGRAM - USE
819:	DETAIL	14-14	PRINT-JFCB PROGRAM - PROG DETAILS
820:	MAINT	3-4	PRINT-JFCB PROGRAM - USE
821:	DETAIL	14-18	PRINT-MAINT-LIST PROGRAM - PROG DETAILS
822:	DETAIL	2-39	PRINT-MEMOS PROGRAM - PROG DETAILS
823:	CODING	2-8	PRINT-MEMOS PROGRAM - USE AND SAMPLE FORMAT
824:	DETAIL	14-9	PRINT-SOURCE-LISTING PROGRAM - PROG DETAILS
825:	MAINT	3-7	PRINT-SOURCE-LISTING PROGRAM - USE
826:	USER	1-7	PRINTER-DD PARAMETER
827:	RECFM	7-6	PPRNTSRF SUBROUTINE - CALLING SEQUENCE
828:	DETAIL	7-5	PPRNTSRF SUBROUTINE - PROG DETAILS
829:	DETAIL	14-17	PRNT133 PROGRAM - PROG DETAILS
830:	RECFM	1-10	PROGRAM SEGMENT OF INSTRUCTION
831:	RECFM	13-3	PROGRAM SEGMENT OF INSTRUCTION - RETRIEVAL (SETINST)
832:	RECFM	11-16	PROGRAM TABLE - LIST-PROGRAM-TABLE PROGRAM
833:	RECFM	11-16	PROGRAM TABLE - RECORD FORMAT
834:	RECFM	11-16	PROGRAM TABLE - UPDATE-PROGRAM-TABLE PROGRAM
835:	RECFM	11-28	PROJECT CLASS TABLE - CVT PROJ SUBROUTINE
836:	RECFM	11-28	PROJECT CLASS TABLE - INPROJ SUBROUTINE
837:	RECFM	11-27	PROJECT CLASS TABLE - LIST-PROJECT-TABLE
838:	RECFM	11-27	PROJECT CLASS TABLE - RECORD FORMAT
839:	RECFM	11-27	PROJECT CLASS TABLE - UPDATE-PROJECT-TABLE
840:	CODING	5-13	PROJECT CLASSIFICATIONS
841:	RECFM	11-37	PTW - TEST FOR MILEPOINT IN PTW SECTION (TESTPTW)
842:	MAINT	4-14	PTW MILEPOINT CONVERSION IN CREATE-PA-ACC-DIRECT
843:	RECFM	11-36	PTW TABLE - INPTW READ SUBROUTINE
844:	RECFM	11-36	PTW TABLE - LIST-PTW-TABLE PROGRAM
845:	RECFM	11-36	PTW TABLE - LOAD PROCEDURES
846:	RECFM	11-35	PTW TABLE - RECORD FORMAT
847:	RECFM	11-37	PTW TABLE - TESTPTW SUBROUTINE
848:	RECFM	11-36	PTW TABLE - UPDATE PROCEDURES
849:	CODING	10-23	PURGE FILE=URBAN-SIGN - USE
850:	DETAIL	10-19	PURGE FILE=URBAN-SIGN PROGRAM - PROG DETAILS
851:	MAINT	5-7	RAILROAD FILE - ALLOCATION
852:	MAINT	4-3	RAILROAD FILE - BACKUP AND REORGANIZATION
853:	CODING	4-5	RAILROAD FILE - DATA CARD FORMATS
854:	CODING	4-7	RAILROAD FILE - DESCRIPTION OF DATA ELEMENTS
855:	CODING	4-7	RAILROAD FILE - FORMAT OF KEY FIELD
856:	RECFM	4-1	RAILROAD FILE - RECORD FORMAT
857:	RECFM	4-5	RAILROAD FILE - RRXINB UPDATE SUBROUTINE
858:	RECFM	4-4	RAILROAD FILE - RRXRD READ SUBROUTINE
859:	RECFM	4-3	RAILROAD FILE - RRXPDR READ SUBROUTINE
860:	RECFM	4-6	RAILROAD FILE - RRXRWB UPDATE SUBROUTINE
861:			RAILROAD FILE - UPDATE PGM - SEE 'UPDATE FILE=RAILROAD'
862:	MAINT	5-8	RAILROAD REPORT FILE - ALLOCATION
863:	MAINT	4-16	RAILROAD REPORT FILE - CREATION
864:	RECFM	4-3	RAILROAD REPORT FILE - RECORD FORMAT
865:	RECFM	4-7	RAILROAD REPORT FILE - RRXRWB WRITE SUBROUTINE
866:	DETAIL	6-16	RAMP LOCATION TABLE - RECORD FORMAT
867:	DETAIL	7-10	RATING-PY-DISTRICT PROGRAM - PROG DETAILS
868:	USER	7-12	RATING-PY-DISTRICT PROGRAM - USE



----- LISTPDS -----

869:	RECFM	2-1	RECORD FORMAT - ACCIDENT DETAIL FILE
870:	RECFM	2-4	RECORD FORMAT - ACCIDENT DIRECTORY FILE
871:	DETAIL	2-36	RECORD FORMAT - ACCIDENT EDIT TABLE
872:	RECFM	2-7	RECORD FORMAT - ACCIDENT INTSECTN DIRECTORY FILE
873:	RECFM	2-7	RECORD FORMAT - ACCIDENT INTSECTN INDEX FILE
874:	RECFM	2-8	RECORD FORMAT - ACCIDENT MEMOS FILE
875:	RECFM	2-2	RECORD FORMAT - ACCIDENT VEHICLE FILE
876:	RECFM	2-5	RECORD FORMAT - ACCIDENT-BY-SECTIONS FILE
877:	DETAIL	2-18	RECORD FORMAT - ACCIDENT-BY-SECTIONS TABLE
878:	RECFM	3-1	RECORD FORMAT - BRIDGE FILE
879:	RECFM	3-3	RECORD FORMAT - BRIDGE REPORT FILE
880:	RECFM	11-21	RECORD FORMAT - CITY TABLE
881:	RECFM	12-2	RECORD FORMAT - CITY-ROUTE-XREF FILES
882:	RECFM	11-24	RECORD FORMAT - COUNTY TABLE
883:	RECFM	12-1	RECORD FORMAT - DEFENSE CROSS-REFERENCE FILE
884:	RECFM	11-19	RECORD FORMAT - EQUIV TABLE
885:	RECFM	11-32	RECORD FORMAT - FILE REWRITE TABLES
886:	RECFM	12-1	RECORD FORMAT - GRID TABLE
887:	RECFM	11-18	RECORD FORMAT - INSTR PARM TABLE
888:	RECFM	11-38	RECORD FORMAT - LOAD MODULE TABLE
889:	RECFM	12-2	RECORD FORMAT - MAINT DIV XREF
890:	RECFM	12-2	RECORD FORMAT - MAINT SECTION XREF
891:	RECFM	11-17	RECORD FORMAT - PASSPARM TABLE
892:	RECFM	11-16	RECORD FORMAT - PROGRAM TABLE
893:	RECFM	11-27	RECORD FORMAT - PROJECT CLASS TABLE
894:	RECFM	11-35	RECORD FORMAT - PTW TABLE
895:	RECFM	4-1	RECORD FORMAT - RAILROAD FILE
896:	RECFM	4-3	RECORD FORMAT - RAILROAD REPORT FILE
897:	RECFM	5-1	RECORD FORMAT - ROADLOG FILE
898:	RECFM	11-40	RECORD FORMAT - SELECT TABLES
899:	RECFM	12-3	RECORD FORMAT - SIGN CODE XREF
900:	DETAIL	6-16	RECORD FORMAT - SKID EDIT TABLE
901:	RECFM	6-1	RECORD FORMAT - SKID FILE
902:	DETAIL	6-16	RECORD FORMAT - SKID RAMP LOCATION TABLE
903:	RECFM	7-1	RECORD FORMAT - SUFFICIENCY FILE
904:	RECFM	7-2	RECORD FORMAT - SUFFICIENCY REPORT FILE
905:	RECFM	11-30	RECORD FORMAT - SUFFICIENCY TABLE
906:	RECFM	11-29	RECORD FORMAT - SURFACE TYPE TABLE
907:	RECFM	8-1	RECORD FORMAT - TRAFFIC FILE
908:	RECFM	8-2	RECORD FORMAT - TRAFFIC REPORT FILE
909:	RECFM	9-1	RECORD FORMAT - TRUMILE FILE
910:	RECFM	10-1	RECORD FORMAT - URBAN SIGN FILE
911:			REFERENCE POINT - SEE MILEPOINT
912:			REL4PTO LIBRARY - SEE HIS.REL4PTO
913:	RECFM	10-3	REMARK RECORD FORMAT - URBAN SIGN FILES
914:	RECFM	11-7	RENAME MEMBER OF LIBRARY (MODPDS PROGRAM)
915:	MAINT	4-13	REORGANIZATION - SCHEDULE
916:			REORGANIZATION,ISAM - SEE 'FILE - IS'
917:			REORGANIZATION,LIBRARY - SEE 'FILE - PARTITIONED'
918:	MAINT	4-2	REORGANIZE FILE=ACCIDENT - USE
919:	DETAIL	2-36	REORGANIZE FILE=ACCIDENT PROGRAM - PROG DETAILS
920:	MAINT	4-3	REORGANIZE FILE=BRIDGE - USE
921:	DETAIL	3-19	REORGANIZE FILE=BRIDGE PROGRAM - PROG DETAILS
922:	MAINT	4-3	REORGANIZE FILE=RAILROAD - USE
923:	DETAIL	4-10	REORGANIZE FILE=RAILROAD PROGRAM - PROG DETAILS
924:	MAINT	4-4	REORGANIZE FILE=ROADLOG - USE
925:	DETAIL	5-22	REORGANIZE FILE=ROADLOG PROGRAM - PROG DETAILS
926:	MAINT	4-5	REORGANIZE FILE=SKID - USE

----- LISTPES -----

927:	DETAIL	6-19	REORGANIZE FILE=SKID PROGRAM - PROG DETAILS
928:	MAINT	4-6	REORGANIZE FILE=SUFFICIENCY - USE
929:	DETAIL	7-21	REORGANIZE FILE=SUFFICIENCY PROGRAM - PROG DETAILS
930:	MAINT	4-6	REORGANIZE FILE=TRAFFIC - USE
931:	DETAIL	8-16	REORGANIZE FILE=TRAFFIC PROGRAM - PROG DETAILS
932:	MAINT	4-7	REORGANIZE FILE=TRUMILE - USE
933:	DETAIL	9-14	REORGANIZE FILE=TRUMILE PROGRAM - PROG DETAILS
934:	MAINT	4-8	REORGANIZE FILE=URBAN-SIGN - USE
935:	DETAIL	10-19	REORGANIZE FILE=URBAN-SIGN PROGRAM - PROG DETAILS
936:	RECFM	1-8	REPORT PARAMETER - AS DECDED
937:	USER	2-6	REPORTABLE ACCIDENTS - SELECT WITH LOCATION PARM
938:	DETAIL	2-40	RESTART-MEMOS PROGRAM - PROG DETAILS
939:	CODING	2-9	RESTART-MEMOS PROGRAM - USE
940:	MAINT	3-6	RESTORING A SOURCE MODULE TO ACTIVE PANVALET LIBRARY
941:			REWRITE FUNCTION - SEE UPDATE
942:	RECFM	11-35	REWRITE SUBROUTINE - CALLING SEQUENCE
943:	DETAIL	11-16	REWRITE SUBROUTINE - PROG DETAILS
944:			REWRITE TABLES - SEE 'FILE REWRITE TABLES'
945:	RECFM	5-12	RLGCVT SUBROUTINE - CALLING SEQUENCE
946:	DETAIL	5-5	RLGCVT SUBROUTINE - PROG DETAILS
947:	RECFM	5-9	RLGINB SUBROUTINE - CALLING SEQUENCE
948:	DETAIL	5-2	RLGINB SUBROUTINE - PROG DETAILS
949:	RECFM	5-7	RLGRD SUBROUTINE - CALLING SEQUENCE
950:	DETAIL	5-3	RLGRD SUBROUTINE - PROG DETAILS
951:	RECFM	5-8	RLGRD SUBROUTINE - SAMPLE PROGRAM
952:	RECFM	5-3	RLGRDQ SUBROUTINE - CALLING SEQUENCE
953:	DETAIL	5-1	RLGRDQ SUBROUTINE - PROG DETAILS
954:	RECFM	5-6	RLGRDQ SUBROUTINE - SAMPLE PROGRAM
955:	RECFM	5-10	RLGRWB SUBROUTINE - CALLING SEQUENCE
956:	DETAIL	5-2	RLGRWB SUBROUTINE - PROG DETAILS
957:	CODING	5-13	ROADLOG FILE - ADMINISTRATION CODES
958:	MAINT	5-9	ROADLOG FILE - ALLOCATION
959:	MAINT	4-4	ROADLOG FILE - BACKUP AND REORGANIZATION
960:	CODING	5-10	ROADLOG FILE - CITY NUMBERS
961:	CODING	5-4	ROADLOG FILE - COINCIDENT SECTIONS
962:	USER	5-3	ROADLOG FILE - COINCIDENT SECTIONS
963:	RECFM	5-11	ROADLOG FILE - COINCIDENT/LOOP DESCRIPTION (COINKEY)
964:	CODING	5-10	ROADLOG FILE - DATA CARD FORMATS
965:	CODING	5-11	ROADLOG FILE - DESCRIPTION OF DATA ELEMENTS
966:	CODING	5-1	ROADLOG FILE - DESCRIPTOR RECORDS
967:			ROADLOG FILE - EDIT PGM - SEE 'EDIT FILE=ROADLOG'
968:	CODING	5-1	ROADLOG FILE - FILE DESCRIPTION
969:	CODING	5-1	ROADLOG FILE - FORMAT OF KEY FIELD
970:	CODING	5-17	ROADLOG FILE - FUNCTIONAL CLASS CODES
971:	CODING	5-5	ROADLOG FILE - INTERSTATE LOOPS
972:	USER	5-1	ROADLOG FILE - INTRODUCTION
973:	CODING	5-25	ROADLOG FILE - MAINTENANCE DIVISIONS
974:	CODING	5-1	ROADLOG FILE - MILEAGE RECORDS
975:	CODING	5-18	ROADLOG FILE - POPULATION CODES
976:	CODING	5-13	ROADLOG FILE - PROJECT CLASSIFICATIONS
977:	RECFM	5-1	ROADLOG FILE - RECORD FORMAT
978:	CODING	5-2	ROADLOG FILE - REMARK CODES
979:	RECFM	5-9	ROADLOG FILE - RLGINB UPDATE SUBROUTINE
980:	RECFM	5-7	ROADLOG FILE - RLGRD READ SUBROUTINE
981:	RECFM	5-3	ROADLOG FILE - RLGRDQ READ SUBROUTINE
982:	RECFM	5-10	ROADLOG FILE - RLGRWB UPDATE SUBROUTINE
983:	CODING	5-1	ROADLOG FILE - SECTION BREAKS
984:	CODING	5-3	ROADLOG FILE - SPURS AND LOOPS



----- LISTPDS -----

985:	CODING	5-20	ROADLOG FILE - SURFACE TYPE CODES
986:			ROADLOG FILE - UPDATE PCM - SEE 'UPDATE FILE=ROADLOG'
987:	DETAIL	9-15	ROADLOG-TRUMILE-EDIT PROGRAM - PROG DETAILS
988:	CODING	9-3	ROADLOG-TRUMILE-EDIT PROGRAM - USE
989:	RECFM	4-7	RPRWPO SUBROUTINE - CALLING SEQUENCE
990:	RECFM	4-7	RRXCVT SUBROUTINE - CALLING SEQUENCE
991:	DETAIL	4-7	RPXEDIT SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
992:	RECFM	4-5	RRXINR SUBROUTINE - CALLING SEQUENCE
993:	DETAIL	4-2	RFXINR SUBROUTINE - PROG DETAILS
994:	RECFM	4-4	RFXPD SUBROUTINE - CALLING SEQUENCE
995:	DETAIL	4-2	RPXRD SUBROUTINE - PROG DETAILS
996:	DETAIL	4-7	RPXRDC SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
997:	RECFM	4-3	RPXRDC SUBROUTINE - CALLING SEQUENCE
998:	DETAIL	4-1	RPXRDC SUBROUTINE - PROG DETAILS
999:	DETAIL	4-5	RRXREP-SORT-&-LIST PROGRAM - PROG DETAILS
1000:	USER	4-4	RRXREP-SORT-LIST PROGRAM - USE
1001:	RECFM	4-6	RXXRWB SUBROUTINE - CALLING SEQUENCE
1002:	DETAIL	4-2	RXXRWB SUBROUTINE - PROG DETAILS
1003:	DETAIL	4-3	RXXWRQ SUBROUTINE - PROG DETAILS
1004:	USER	2-76	RURAL INTERSECTN ACCIDENT ANALYSIS
1005:	DETAIL	2-19	RURAL-ACC-ANALYSIS PROGRAM - PROG DETAILS
1006:	USER	2-54	RURAL-ACC-ANALYSIS PROGRAM - USE
1007:	DETAIL	2-18	RURAL-ACC-CLUSTERS PROGRAM - PROG DETAILS
1008:	USER	2-44	RURAL-ACC-CLUSTERS PROGRAM - USE
1009:	USER	7-4	SAFETY RATING IN SUFFICIENCY RATING FORMULA
1010:	RECFM	2-16	SAMPLE PROGRAM - ACCRD SUBROUTINE
1011:	RECFM	13-4	SAMPLE PROGRAM - PRINT SUBROUTINE
1012:	RECFM	5-8	SAMPLE PROGRAM - RLGRD SUBROUTINE
1013:	RECFM	5-6	SAMPLE PROGRAM - RLGRDQ SUBROUTINE
1014:	RECFM	8-9	SAMPLE PROGRAM - VEHMILE SUBROUTINE
1015:	RECFM	1-15	SAVEAREA FORMAT
1016:	DETAIL	13-5	SAVEAREA,DUMMY - FORMAT
1017:	CODING	5-1	SECTION BREAKS - ROADLOG FILE
1018:	USER	8-1	SELECT - DATA ELEMENT NAMES, FORMATS, & CONTENTS
1019:	DETAIL	12-20	SELECT - DESCRIPTION OF SELECT STATEMENT LOGIC
1020:	DETAIL	12-19	SELECT - ERROR MESSAGE DIRECTORY
1021:	USER	12-8	SELECT - ERROR MESSAGES
1022:	DETAIL	12-6	SELECT - FILE I.D. NUMBERS
1023:	RECFM	13-13	SELECT - IMPLEMENTATION OF SELECT OPTIONS,NEW FILE
1024:	RECFM	11-40	SELECT - OPTION CODES
1025:	DETAIL	12-1	SELECT - PROG DETAILS
1026:	DETAIL	12-6	SELECT - SELECT CONTROL BLOCK
1027:	RECFM	11-40	SELECT - SELECT TABLES
1028:	RECFM	13-13	SELECT - SELTEST SUBROUTINE - CALLING SEQUENCE
1029:	DETAIL	12-16	SELECT - SPECIAL OPTION CODES (EXECUTION-TIME)
1030:	DETAIL	12-13	SELECT - SPECIAL OPTION CODES (READ-TIME)
1031:	USER	12-1	SELECT - USE
1032:	RECFM	11-41	SELECT TABLES - LIST-SELECT-TABLE PROGRAM
1033:	RECFM	11-42	SELECT TABLES - LOAD PROCEDURES
1034:	RECFM	11-40	SELECT TABLES - RECORD FORMAT
1035:	RECFM	11-42	SELECT TABLES - UPDATE PROCEDURES
1036:	RECFM	13-13	SELTEST SUBROUTINE - CALLING SEQUENCE
1037:	DETAIL	12-4	SELTEST SUBROUTINE - PROG DETAILS
1038:			SQL-REWRITE FUNCTION - SEE UPDATE
1039:			SEQUENTIAL - SEE FILE - PS
1040:	USER	7-3	SERVICE VOLUME IN SUFFICIENCY RATING FORMULA
1041:	RECFM	13-3	SETINST ENTRY POINT OF PRINT SUBROUTINE
1042:	RECFM	7-5	SERRDQ SUBROUTINE - CALLING SEQUENCE

----- LISTPOS -----

1043:	DETAIL	7-4	SFRPDD SUBROUTINE - PROG DETAILS
1044:	RECFM	7-6	SFRWRQ SUBROUTINE - CALLING SEQUENCE
1045:	DETAIL	7-4	SFRWRQ SUBROUTINE - PROG DETAILS
1046:	DETAIL	10-4	SONXCHK SUBROUTINE - PROG DETAILS
1047:			SIGN - SEE 'URBAN SIGN'
1048:	RECFM	10-14	SIGN AGE CALCULATION
1049:	MAINT	5-18	SIGN CODE CROSS-REFERENCE - ALLOCATION
1050:	MAINT	4-10	SIGN CODE CROSS-REFERENCE - BACKUP AND REORGANIZE
1051:	CODING	11-5	SIGN CODE CROSS-REFERENCE - DATA CARD FORMAT
1052:	CODING	11-5	SIGN CODE CROSS-REFERENCE - LOADING
1053:	MAINT	4-10	SIGN CODE CROSS-REFERENCE - SIGN-CODE-XREF PROGRAM
1054:	CODING	11-6	SIGN CODE CROSS-REFERENCE - UPDATING
1055:	RECFM	12-2	SIGN CODE CROSS-REFERENCE FILES - RECORD FORMAT
1056:	RECFM	10-2	SIGN RECORD FORMAT - URBAN SIGN FILES
1057:	DETAIL	10-12	SIGN-CODE-XREF PROGRAM - PROG DETAILS
1058:	MAINT	4-10	SIGN-CODE-XREF PROGRAM - USE
1059:	USER	11-6	SIGN-CODE-XREF PROGRAM - USE
1060:	CODING	11-5	SIGN-CODE-XREF PROGRAM - USE (UPDATE/LOAD)
1061:	RECFM	3-9	SIGNED ROUTE FROM INVENTORY ROUTE (BDCSFE SUBRTN)
1062:	RECFM	6-6	SKDCMPR SUBROUTINE - CALLING SEQUENCE
1063:	DETAIL	6-6	SKDCMPR SUBROUTINE - IN SKDFILE LOAD MODULE
1064:	DETAIL	6-4	SKDCMPR SUBROUTINE - PROG DETAILS
1065:	RECFM	6-7	SKDCVT SUBROUTINE - CALLING SEQUENCE
1066:	DETAIL	6-8	SKDCVT SUBROUTINE - PROG DETAILS
1067:	RECFM	6-6	SKDDCB SUBROUTINE - CALLING SEQUENCE
1068:	DETAIL	6-6	SKDDCB SUBROUTINE - IN SKDFILE LOAD MODULE
1069:	DETAIL	6-5	SKDDCB SUBROUTINE - PROG DETAILS
1070:	DETAIL	6-12	SKDEDIT SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
1071:	DETAIL	6-5	SKDFILE ADDRESS LIST
1072:	RECFM	6-7	SKDCPT SUBROUTINE - CALLING SEQUENCE
1073:	DETAIL	6-7	SKDCPT SUBROUTINE - PROG DETAILS
1074:	RECFM	6-3	SKDRD SUBROUTINE - CALLING SEQUENCE
1075:	DETAIL	6-6	SKDRD SUBROUTINE - PROG DETAILS
1076:	DETAIL	6-11	SKDRC SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
1077:	RECFM	6-1	SKDRDQ SUBROUTINE - CALLING SEQUENCE
1078:	DETAIL	6-6	SKDRDQ SUBROUTINE - IN SKDFILE LOAD MODULE
1079:	DETAIL	6-1	SKDRDQ SUBROUTINE - PROG DETAILS
1080:	RECFM	6-5	SKDUPD SUBROUTINE - CALLING SEQUENCE
1081:	DETAIL	6-6	SKDUPD SUBROUTINE - IN SKDFILE LOAD MODULE
1082:	DETAIL	6-3	SKDUPD SUBROUTINE - PROG DETAILS
1083:	RECFM	6-4	SKDWRQ SUBROUTINE - CALLING SEQUENCE
1084:	DETAIL	6-6	SKDWRQ SUBROUTINE - IN SKDFILE LOAD MODULE
1085:	DETAIL	6-2	SKDWRQ SUBROUTINE - PROG DETAILS
1086:	MAINT	5-10	SKID FILE - ALLOCATION
1087:	MAINT	4-5	SKID FILE - BACKUP AND REORGANIZATION
1088:	DETAIL	6-4	SKID FILE - COMPRESSED RECORD FORMAT
1089:	CODING	6-8	SKID FILE - DATA CARD FORMATS
1090:	CODING	6-8	SKID FILE - DESCRIPTION OF DATA ELEMENTS
1091:			SKID FILE - EDIT PGM - SEE 'EDIT FILE=SKID'
1092:	DETAIL	6-16	SKID FILE - EDIT TABLE
1093:	CODING	6-1	SKID FILE - FILE DESCRIPTION
1094:	CODING	6-8	SKID FILE - FORMAT OF KEY FIELD
1095:	DETAIL	6-16	SKID FILE - RAMP LOCATION TABLE - RECORD FORMAT
1096:	RECFM	6-1	SKID FILE - RECORD FORMAT
1097:	RECFM	6-3	SKID FILE - SKDRD READ SUBROUTINE
1098:	RECFM	6-1	SKID FILE - SKDRDQ READ SUBROUTINE
1099:	RECFM	6-5	SKID FILE - SKDUPD UPDATE SUBROUTINE
1100:	RECFM	6-4	SKID FILE - SKDWRQ WRITE SUBROUTINE

----- LISTPDS -----

1101:		SKID FILE - UPDATE PGM - SEE 'UPDATE FILE=SKID'
1102:	DETAIL 6-21	SKID-CARD-CONVERT PROGRAM - PROG DETAILS
1103:	CODING 6-6	SKID-CARD-CONVERT PROGRAM - USE
1104:	DETAIL 6-9	SKID-LOAD PROGRAM - PROG DETAILS
1105:	CODING 6-7	SKID-LOAD PROGRAM - USE
1106:	CODING 6-6	SKID-TEST-01 PROGRAM - USE
1107:	RECFM 1-2	SOURCE MODULE - COMPILATION
1108:	DETAIL C-1	SOURCE MODULE - CROSS-REFERENCE LISTING
1109:	DETAIL A-1	SOURCE MODULE - LIST OF NAMES
1110:		SOURCE MODULE LIBRARY - SEE PANVALET LIBRARY
1111:	MAINT 3-7	SOURCE MODULE LISTINGS
1112:	RECFM 1-14	SOURCE MODULE NAMING CONVENTIONS
1113:	CODING 5-3	SPURS - AS CODED IN ROADLOG FILE
1114:	CODING 3-2	SPURS - AS CODED IN TRAFFIC FILE
1115:	RECFM 7-5	SREPSRT SUBROUTINE - CALLING SEQUENCE
1116:	DETAIL 7-5	SREPSRT SUBROUTINE - PROG DETAILS
1117:	USER 2-4	START-DATE PARAMETER
1118:	DETAIL 5-12	START-MILEAGE-502 PROGRAM - PROG DETAILS
1119:	USFP 1-11	START-MILEPOINT PARAMETER
1120:	RECFM 13-8	STATE CODE TO STATE NAME CONVERSION (CONVSTAT)
1121:	CODING 2-25	STATE CODES - ALPHABETICAL
1122:	USER 5-23	STATE-MILEAGE-502 PROGRAM - USE
1123:	DETAIL 5-14	STATE-MILEAGE-505 PROGRAM - PROG DETAILS
1124:	USER 5-25	STATE-MILEAGE-505 PROGRAM - USE
1125:	DETAIL 5-15	STATE-MILEAGE-506 PROGRAM - PROG DETAILS
1126:	USER 5-25	STATE-MILEAGE-506 PROGRAM - USE
1127:	RECFM 1-15	SUBROUTINES - LINKAGE CONVENTIONS
1128:		SURPTN4 LIBRARY - SEE HIS.SURPTN4
1129:	RECFM 1-14	SURSYSTEM NUMBERS
1130:	RECFM 7-7	SUFECVT SUBROUTINE - CALLING SEQUENCE
1131:	DETAIL 7-6	SUFECVT SUBROUTINE - PROG DETAILS
1132:	DETAIL 7-18	SUFEDIT SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
1133:	MAINT 5-11	SUFFICIENCY FILE - ALLOCATION
1134:	MAINT 4-6	SUFFICIENCY FILE - BACKUP AND REORGANIZATION
1135:	CODING 7-5	SUFFICIENCY FILE - DATA CARD FORMAT
1136:	CODING 7-5	SUFFICIENCY FILE - DESCRIPTION OF DATA ELEMENTS
1137:	CODING 7-1	SUFFICIENCY FILE - FILE DESCRIPTION
1138:	RECFM 7-1	SUFFICIENCY FILE - RECORD FORMAT
1139:	CODING 7-1	SUFFICIENCY FILE - SECTION BREAKS
1140:	RECFM 7-5	SUFFICIENCY FILE - SREPSRT READ SUBROUTINE
1141:	RECFM 7-6	SUFFICIENCY FILE - SUFINB UPDATE SUBROUTINE
1142:	RECFM 7-4	SUFFICIENCY FILE - SUFRD READ SUBROUTINE
1143:	RECFM 7-3	SUFFICIENCY FILE - SUFRDQ READ SUBROUTINE
1144:	RECFM 7-6	SUFFICIENCY FILE - SUFRWB UPDATE SUBROUTINE
1145:		SUFFICIENCY FILE - UPDATE PGM - SEE UPDATE
1146:	USER 7-3	SUFFICIENCY REPORT - COMPUTATIONAL METHODOLOGY
1147:	MAINT 5-12	SUFFICIENCY REPORT FILE - ALLOCATION
1148:	MAINT 4-17	SUFFICIENCY REPORT FILE - CREATION
1149:	RECFM 7-2	SUFFICIENCY REPORT FILE - RECORD FORMAT
1150:	RECFM 7-5	SUFFICIENCY REPORT FILE - SFRPDQ READ SUBROUTINE
1151:	RECFM 7-6	SUFFICIENCY REPORT FILE - SFRWRQ WRITE SUBROUTINE
1152:	RECFM 11-32	SUFFICIENCY TABLE - GETSUFF READ SUBROUTINE
1153:	RECFM 11-31	SUFFICIENCY TABLE - LIST-SUFF-TABLE PROGRAM
1154:	RECFM 11-30	SUFFICIENCY TABLE - RECORD FORMAT
1155:	RECFM 11-21	SUFFICIENCY TABLE - UPDATE-SUFF-TABLE PROGRAM
1156:	RECFM 7-6	SUFINB SUBROUTINE - CALLING SEQUENCE
1157:	DETAIL 7-2	SUFINB SUBROUTINE - PROG DETAILS
1158:	RECFM 7-4	SUFFD SUBROUTINE - CALLING SEQUENCE

----- LISTPOS -----

1159:	DETAIL	7-3	SUPERD SUBROUTINE - PROG DETAILS
1160:	DETAIL	7-17	SUPERDC SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
1161:	RECFM	7-3	SUPERDQ SUBROUTINE - CALLING SEQUENCE
1162:	DETAIL	7-1	SUPERDQ SUBROUTINE - PROG DETAILS
1163:	RECFM	7-6	SUPERWR SUBROUTINE - CALLING SEQUENCE
1164:	DETAIL	7-2	SUPERWR SUBROUTINE - PROG DETAILS
1165:	DETAIL	2-9	SUM-BY-CONTR-CIRC PROGRAM - PROG DETAILS
1166:	USER	2-22	SUM-BY-CONTR-CIRC PROGRAM - USE
1167:	DETAIL	8-8	SUM-BY-COUNTY PROGRAM - PROG DETAILS
1168:	USER	3-10	SUM-BY-COUNTY PROGRAM - USE
1169:	DETAIL	2-8	SUM-BY-DAY-&-TIME PROGRAM - PROG DETAILS
1170:	USER	2-21	SUM-BY-DAY-&-TIME PROGRAM - USE
1171:	DETAIL	3-10	SUM-BY-DESIGN-LOAD PROGRAM - PROG DETAILS
1172:	USER	3-16	SUM-BY-DESIGN-LOAD PROGRAM - USE
1173:	DETAIL	2-11	SUM-BY-TRAFFICWAY PROGRAM - PROG DETAILS
1174:	USER	2-35	SUM-BY-TRAFFICWAY PROGRAM - USE
1175:	DETAIL	10-6	SUMMARY-BY-CONDITION PROGRAM - PROG DETAILS
1176:	USER	10-10	SUMMARY-BY-CONDITION PROGRAM - USE
1177:	DETAIL	10-11	SUMMARY-BY-DATE PROGRAM - PROG DETAILS
1178:	USER	10-15	SUMMARY-BY-DATE PROGRAM - USE
1179:	DETAIL	5-10	SUMMARY-BY-LOCATION PROGRAM - PROG DETAILS
1180:	USER	5-18	SUMMARY-BY-LOCATION PROGRAM - USE
1181:	DETAIL	5-7	SUMMARY-BY-ROUTES REPORT=ROADLOC PROGRAM - PROG DETAILS
1182:	USER	5-18	SUMMARY-BY-ROUTES REPORT=ROADLOC PROGRAM - USE
1183:	DETAIL	8-7	SUMMARY-BY-ROUTES REPORT=TRAFFIC PROGRAM - PROG DETAILS
1184:	USER	8-8	SUMMARY-BY-ROUTES REPORT=TRAFFIC PROGRAM - USE
1185:	DETAIL	10-8	SUMMARY-BY-SIGN-CODE PROGRAM - PROG DETAILS
1186:	USER	10-16	SUMMARY-BY-SIGN-CODE PROGRAM - USE
1187:	DETAIL	13-4	SUPERVISOR - PROG DETAILS
1188:	DETAIL	13-1	SUPERVISOR - PROG DETAILS - FLOW OF CONTROL
1189:	DETAIL	5-7	SURF-TYPE PROGRAM - PROG DETAILS
1190:	USER	5-14	SURF-TYPE PROGRAM - USE
1191:	RECFM	11-29	SURFACE TYPE CLASSIFICATIONS
1192:	CODING	5-20	SURFACE TYPE CODES - ROADLOC FILE
1193:	RECFM	11-30	SURFACE TYPE TABLE - CVTSURF SUBROUTINE
1194:	RECFM	11-29	SURFACE TYPE TABLE - LIST-SURFACE-TABLE PROGRAM
1195:	RECFM	11-29	SURFACE TYPE TABLE - RECORD FORMAT
1196:	RECFM	11-29	SURFACE TYPE TABLE - UPDATE-SURFACE-TABLE PROGRAM
1197:	RECFM	1-8	SYSTEM SEGMENT OF INSTRUCTION
1198:	DETAIL	2-15	TA-1 PROGRAM - PROG DETAILS
1199:	USER	2-64	TA-1 PROGRAM - USE
1200:	USER	1-10	TABLE-NUMBER PARAMETER
1201:			TABLES - ACC-BY-SECT - SEE 'ACCIDENT-BY-SECTIONS'
1202:			TABLES - CITY TABLE - SEE CITY TABLE
1203:			TABLES - COUNTY TABLE - SEE COUNTY TABLE
1204:			TABLES - EDIT TABLES - SEE 'EDIT TABLES'
1205:			TABLES - EQUIV TABLE - SEE EQUIV TABLE
1206:	RECFM	11-1	TABLES - FILE DESCRIPTION
1207:			TABLES - FILE TABLES - SEE FILE REWRITE TABLES
1208:			TABLES - GENERAL-PURPOSE MAINTENANCE - SEE LIBRARY
1209:			TABLES - GRID TABLE - SEE GRID TABLE
1210:			TABLES - INSTR PARM TEL - SEE 'INSTR PARM TABLE'
1211:			TABLES - LOADMOD TABLE - SEE LOAD MODULE TABLE
1212:	RECFM	11-43	TABLES - MEMBER NAMES
1213:	RECFM	1-20	TABLES - OVERVIEW
1214:			TABLES - PASSPARM TABLE - SEE 'PASSPARM TABLE'
1215:			TABLES - PROGRAM TABLE - SEE 'PROGRAM TABLE'
1216:			TABLES - PROJECT TABLE - SEE PROJECT CLASS TABLE

----- L I S T I N G S -----

1217:		TABLES - PTW TABLE - SEE 'PTW TABLE'
1218:		TABLES - REWRITE TABLES - SEE FILE REWRITE TABLES
1219:		TABLES - SELECT TABLES - SEE 'SELECT TABLES'
1220:		TABLES - SUFFICIENCY TABLE - SEE 'SUFFICIENCY TABLE'
1221:		TABLES - SURF TYPE TBL - SEE 'SURFACE TYPE TABLE'
1222:		TABLES LIBRARY - SEE HIS.TABLES
1223:	DETAIL 13-12	TABLPRD SUBROUTINE - PROG DETAILS
1224:	RECFM 11-9	TABLPRD/BPAMPRD SUBROUTINE - CALLING SEQUENCE
1225:	DETAIL 13-13	TABLWR SUBROUTINE - PROG DETAILS
1226:	RECFM 11-10	TABLWR/BPAMWR SUBROUTINE - CALLING SEQUENCE
1227:		TASK INPUT-OUTPUT TABLE - SEE TIOT
1228:	RECFM 11-37	TESTPTW SUBROUTINE - CALLING SEQUENCE
1229:	DETAIL 11-22	TESTPTW SUBROUTINE - PROG DETAILS
1230:	RECFM 13-13	TIOT - RETRIEVE (GETTIOT)
1231:	USER 1-10	TITLE-OD PARAMETER
1232:	USER 1-10	TOP-MARGIN PARAMETER
1233:		TRAFFIC - KEY-LIST - SEE KEY-LIST
1234:		TRAFFIC - UPDATE-BY-YEAR - SEE UPDATE-BY-YEAR
1235:	RECFM 8-7	TRAFFIC FILE - ADT CALCULATIONS
1236:	MAINT 5-13	TRAFFIC FILE - ALLOCATION
1237:	MAINT 4-6	TRAFFIC FILE - BACKUP AND REORGANIZATION
1238:	CODING 8-2	TRAFFIC FILE - COINCIDENT SECTIONS
1239:	CODING 8-9	TRAFFIC FILE - DATA CARD FORMATS
1240:	CODING 8-9	TRAFFIC FILE - DESCRIPTION OF DATA ELEMENTS
1241:	CODING 8-1	TRAFFIC FILE - FILE DESCRIPTION
1242:	CODING 8-4	TRAFFIC FILE - INTERPRETATION OF BLANK DATA
1243:	RECFM 8-1	TRAFFIC FILE - RECORD FORMAT
1244:	RECFM 8-8	TRAFFIC FILE - SECTION ADT CALCULATIONS
1245:	CODING 8-1	TRAFFIC FILE - SECTION BREAKS
1246:	CODING 8-2	TRAFFIC FILE - SECTION BREAKS - CONSTRAINTS ON MAJOR
1247:	CODING 8-3	TRAFFIC FILE - SEQUENCE OF RECORDS IN FILE
1248:	CODING 8-2	TRAFFIC FILE - SPURS AND LOOPS
1249:	RECFM 8-11	TRAFFIC FILE - TRFINB UPDATE SUBROUTINE
1250:	RECFM 8-5	TRAFFIC FILE - TRFRD READ SUBROUTINE
1251:	RECFM 8-3	TRAFFIC FILE - TRFRDQ READ SUBROUTINE
1252:	RECFM 8-12	TRAFFIC FILE - TRFRWB UPDATE SUBROUTINE
1253:		TRAFFIC FILE - UPDATE PGM - SEE 'UPDATE FILE=TRAFFIC'
1254:	RECFM 8-8	TRAFFIC FILE - VEHICLE MILES CALCULATIONS
1255:	MAINT 5-14	TRAFFIC REPORT FILE - ALLOCATION
1256:	MAINT 4-17	TRAFFIC REPORT FILE - CREATION
1257:	RECFM 8-2	TRAFFIC REPORT FILE - RECORD FORMAT
1258:	RECFM 8-10	TRAFFIC REPORT FILE - TRFRDQ READ SUBROUTINE
1259:	RECFM 8-12	TRAFFIC REPORT FILE - TRFRWB WRITE SUBROUTINE
1260:	DETAIL 8-7	TRAFFIC-BY-SECTIONS PROGRAM - PROG DETAILS
1261:	USER 8-6	TRAFFIC-BY-SECTIONS PROGRAM - USE
1262:	RECFM 8-12	TRFCVT SUBROUTINE - CALLING SEQUENCE
1263:	DETAIL 8-6	TRFCVT SUBROUTINE - PROG DETAILS
1264:	DETAIL 8-12	TRFEDIT SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
1265:	RECFM 8-11	TRFINB SUBROUTINE - CALLING SEQUENCE
1266:	DETAIL 8-2	TRFINB SUBROUTINE - PROG DETAILS
1267:	RECFM 8-5	TRFRD SUBROUTINE - CALLING SEQUENCE
1268:	DETAIL 8-3	TRFRD SUBROUTINE - PROG DETAILS
1269:	DETAIL 8-12	TRFRDC SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
1270:	RECFM 8-3	TRFRDQ SUBROUTINE - CALLING SEQUENCE
1271:	DETAIL 8-1	TRFRDQ SUBROUTINE - PROG DETAILS
1272:	RECFM 8-12	TRFRWB SUBROUTINE - CALLING SEQUENCE
1273:	DETAIL 8-2	TRFRWB SUBROUTINE - PROG DETAILS
1274:	RECFM 8-10	TRMCVT SUBROUTINE - CALLING SEQUENCE

----- L I S T P D S -----

1275:	DETAIL	9-8	TRMCVT SUBROUTINE - PROG DETAILS
1276:	DETAIL	9-10	TRMEDIT SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
1277:	DETAIL	9-7	TRMFILE ADDRESS LIST
1278:	RECFM	9-8	TRMINB SUBROUTINE - CALLING SEQUENCE
1279:	DETAIL	9-3	TRMINR SUBROUTINE - PROG DETAILS
1280:	RECFM	9-2	TRMRDB SUBROUTINE - CALLING SEQUENCE
1281:	DETAIL	9-9	TRMEDB SUBROUTINE - IN TRMFILE LOAD MODULE
1282:	DETAIL	9-2	TRMRDB SUBROUTINE - PROG DETAILS
1283:	DETAIL	9-10	TRMEDC SUBROUTINE - CALLING SEQUENCE & PROG DETAILS
1284:	RECFM	9-1	TRMRDQ SUBROUTINE - CALLING SEQUENCE
1285:	DETAIL	9-8	TRMRDQ SUBROUTINE - IN TRMFILE LOAD MODULE
1286:	DETAIL	9-1	TRMRDQ SUBROUTINE - PROG DETAILS
1287:	RECFM	9-4	TRMRDR SUBROUTINE - CALLING SEQUENCE
1288:	DETAIL	9-3	TRMRDR SUBROUTINE - PROG DETAILS
1289:	RECFM	9-8	TRMRWB SUBROUTINE - CALLING SEQUENCE
1290:	DETAIL	9-3	TRMRWB SUBROUTINE - PROG DETAILS
1291:	RECFM	9-9	TRMRWQ SUBROUTINE - CALLING SEQUENCE
1292:	DETAIL	9-4	TRMRWQ SUBROUTINE - PROG DETAILS
1293:	RECFM	8-10	TRPRDQ SUBROUTINE - CALLING SEQUENCE
1294:	DETAIL	8-4	TRPRDQ SUBROUTINE - PROG DETAILS
1295:	RECFM	8-12	TRPRWQ SUBROUTINE - CALLING SEQUENCE
1296:	DETAIL	8-5	TRPRWQ SUBROUTINE - PROG DETAILS
1297:	RECFM	9-4	TRUE MILEAGE - CALCULATION FROM MILEPOINT
1298:	RECFM	9-7	TRUE MILEAGE - CALCULATION OF DISTANCE BETWEEN MILEPOINT
1299:			TRUE MILEAGE FILE - SEE TPUMILE FILE
1300:	MAINT	5-15	TPUMILE FILE - ALLOCATION
1301:	MAINT	4-7	TPUMILE FILE - BACKUP AND REORGANIZATION
1302:	RECFM	9-7	TPUMILE FILE - DISTQ AND DISTB SUBROUTINES
1303:	CODING	9-1	TPUMILE FILE - FILE DESCRIPTION
1304:	RECFM	9-4	TPUMILE FILE - POINTQ AND POINTB SUBROUTINES
1305:	RECFM	9-1	TPUMILE FILE - RECORD FORMAT
1306:	RECFM	9-8	TPUMILE FILE - TRMINB UPDATE SUBROUTINE
1307:	RECFM	9-3	TPUMILE FILE - TRMRDR READ SUBROUTINE
1308:	RECFM	9-1	TPUMILE FILE - TRMRDQ READ SUBROUTINE
1309:	RECFM	9-4	TPUMILE FILE - TRMRDR READ SUBROUTINE
1310:	RECFM	9-8	TPUMILE FILE - TRMRWB UPDATE SUBROUTINE
1311:	RECFM	9-9	TPUMILE FILE - TRMRWQ UPDATE SUBROUTINE
1312:			TPUMILE FILE - UPDATE PGM - SEE 'UPDATE FILE=TPUMILE'
1313:	CODING	2-6	UPDATE FILE=ACCIDENT FUNCTION=DELETE - USE
1314:	CODING	2-1	UPDATE FILE=ACCIDENT FUNCTION=INSERT - USE
1315:	CODING	2-5	UPDATE FILE=ACCIDENT FUNCTION=REWRITE - USE
1316:	CODING	2-62	UPDATE FILE=ACCIDENT PROGRAM - BYPASSING EDIT CHECKS
1317:	CODING	2-10	UPDATE FILE=ACCIDENT PROGRAM - DATA CARD FORMATS
1318:	DETAIL	2-36	UPDATE FILE=ACCIDENT PROGRAM - EDIT TABLE
1319:	CODING	2-52	UPDATE FILE=ACCIDENT PROGRAM - ERROR MESSAGES
1320:	CODING	2-17	UPDATE FILE=ACCIDENT PROGRAM - LOCATION FIELD EDITS
1321:	DETAIL	2-31	UPDATE FILE=ACCIDENT PROGRAM - PROG DETAILS
1322:	CODING	2-46	UPDATE FILE=ACCIDENT PROGRAM - PROG DETAILS - FLOW TABLE
1323:	CODING	3-3	UPDATE FILE=BRIDGE FUNCTION=DELETE - USE
1324:	CODING	3-1	UPDATE FILE=BRIDGE FUNCTION=INSERT - USE
1325:	CODING	3-2	UPDATE FILE=BRIDGE FUNCTION=NEW-KEY - USE
1326:	CODING	3-2	UPDATE FILE=BRIDGE FUNCTION=REWRITE - USE
1327:	CODING	3-4	UPDATE FILE=BRIDGE PROGRAM - DATA CARD FORMATS
1328:	CODING	3-24	UPDATE FILE=BRIDGE PROGRAM - ERROR MESSAGES
1329:	DETAIL	3-15	UPDATE FILE=BRIDGE PROGRAM - PROG DETAILS
1330:	CODING	4-3	UPDATE FILE=RAILROAD FUNCTION=DELETE - USE
1331:	CODING	4-1	UPDATE FILE=RAILROAD FUNCTION=INSERT - USE
1332:	CODING	4-3	UPDATE FILE=RAILROAD FUNCTION=NEW-KEY - USE

----- LISTPOS -----

1323:	CODING	4-2	UPDATE	FILE=RAILROAD	FUNCTION=REWRITE - USE
1324:	CODING	4-5	UPDATE	FILE=RAILROAD PROGRAM	- DATA CARD FORMATS
1335:	CODING	4-14	UPDATE	FILE=RAILROAD PROGRAM	- ERROR MESSAGES
1336:	DETAIL	4-5	UPDATE	FILE=RAILROAD PROGRAM	- PROG DETAILS
1337:	CODING	5-8	UPDATE	FILE=ROADLOG	FUNCTION=DELETE - USE
1338:	CODING	5-5	UPDATE	FILE=ROADLOG	FUNCTION=INSERT - USE
1339:	CODING	5-7	UPDATE	FILE=ROADLOG	FUNCTION=NEW-KEY - USE
1340:	CODING	5-6	UPDATE	FILE=ROADLOG	FUNCTION=REWRITE - USE
1341:	CODING	5-34	UPDATE	FILE=ROADLOG PROGRAM	- BYPASSING EDIT CHECKS
1342:	CODING	5-10	UPDATE	FILE=ROADLOG PROGRAM	- DATA CARD FORMATS
1343:	CODING	5-27	UPDATE	FILE=ROADLOG PROGRAM	- ERROR MESSAGES
1344:	DETAIL	5-16	UPDATE	FILE=ROADLOG PROGRAM	- PROG DETAILS
1345:	CODING	6-4	UPDATE	FILE=SKID	FUNCTION=DELETE - USE
1346:	CODING	6-2	UPDATE	FILE=SKID	FUNCTION=INSERT - USE
1347:	CODING	6-2	UPDATE	FILE=SKID	FUNCTION=NEW-KEY - USE
1348:	CODING	6-3	UPDATE	FILE=SKID	FUNCTION=REWRITE - USE
1349:	CODING	6-8	UPDATE	FILE=SKID PROGRAM	- DATA CARD FORMATS
1350:	DETAIL	6-16	UPDATE	FILE=SKID PROGRAM	- EDIT TABLE
1351:	CODING	6-16	UPDATE	FILE=SKID PROGRAM	- ERROR MESSAGES
1352:	DETAIL	6-9	UPDATE	FILE=SKID PROGRAM	- PROG DETAILS
1353:	DETAIL	7-16	UPDATE	FILE=SKID PROGRAM	- PROG DETAILS
1354:	CODING	7-4	UPDATE	FILE=SUFFICIENCY	FUNCTION=DELETE - USE
1355:	CODING	7-2	UPDATE	FILE=SUFFICIENCY	FUNCTION=INSERT - USE
1356:	CODING	7-3	UPDATE	FILE=SUFFICIENCY	FUNCTION=NEW-KEY - USE
1357:	CODING	7-2	UPDATE	FILE=SUFFICIENCY	FUNCTION=REWRITE - USE
1358:	CODING	7-5	UPDATE	FILE=SUFFICIENCY PROGRAM	- DATA CARD FORMATS
1359:	CODING	7-11	UPDATE	FILE=SUFFICIENCY PROGRAM	- ERROR MESSAGES
1360:	CODING	8-7	UPDATE	FILE=TRAFFIC	FUNCTION=DELETE - USE
1361:	CODING	8-5	UPDATE	FILE=TRAFFIC	FUNCTION=INSERT - USE
1362:	CODING	8-6	UPDATE	FILE=TRAFFIC	FUNCTION=NEW-KEY - USE
1363:	CODING	8-5	UPDATE	FILE=TRAFFIC	FUNCTION=REWRITE - USE
1364:	CODING	8-9	UPDATE	FILE=TRAFFIC PROGRAM	- DATA CARD FORMATS
1365:	CODING	8-11	UPDATE	FILE=TRAFFIC PROGRAM	- ERROR MESSAGES
1366:	DETAIL	8-11	UPDATE	FILE=TRAFFIC PROGRAM	- PROG DETAILS
1367:	CODING	9-2	UPDATE	FILE=TRUMILE	FUNCTION=DELETE - USE
1368:	CODING	9-1	UPDATE	FILE=TRUMILE	FUNCTION=INSERT - USE
1369:	CODING	9-2	UPDATE	FILE=TRUMILE	FUNCTION=REWRITE - USE
1370:	CODING	9-3	UPDATE	FILE=TRUMILE	FUNCTION=SQL-REWRITE - USE
1371:	CODING	9-5	UPDATE	FILE=TRUMILE PROGRAM	- ERROR MESSAGES
1372:	DETAIL	9-9	UPDATE	FILE=TRUMILE PROGRAM	- PROG DETAILS
1373:	CODING	10-23	UPDATE	FILE=URBAN-SIGN	FUNCTION=DELETE - USE
1374:	CODING	10-19	UPDATE	FILE=URBAN-SIGN	FUNCTION=INSERT - USE
1375:	CODING	10-22	UPDATE	FILE=URBAN-SIGN	FUNCTION=NEW-KEY - USE
1376:	CODING	10-21	UPDATE	FILE=URBAN-SIGN	FUNCTION=REWRITE - USE
1377:	CODING	10-6	UPDATE	FILE=URBAN-SIGN PROGRAM	- ASSEMBLY CARD RULES
1378:	CODING	10-20	UPDATE	FILE=URBAN-SIGN PROGRAM	- BYPASSING EDIT CHECKS
1379:	CODING	10-2	UPDATE	FILE=URBAN-SIGN PROGRAM	- DATA CARD FORMATS
1380:	CODING	10-24	UPDATE	FILE=URBAN-SIGN PROGRAM	- ERROR MESSAGES
1381:	DETAIL	10-13	UPDATE	FILE=URBAN-SIGN PROGRAM	- PROG DETAILS
1382:	CODING	10-12	UPDATE	FILE=URBAN-SIGN PROGRAM	- SIGN CARD RULES
1383:	DETAIL	8-14	UPDATE-BY-YEAR	FILE=TRAFFIC PROGRAM	- PROG DETAILS
1384:	CODING	8-7	UPDATE-PY-YEAR	FILE=TRAFFIC PROGRAM	- USE
1385:	DETAIL	11-3	UPDATE-CITY-TABLE	PROGRAM	- PROG DETAILS
1386:	RECFM	11-22	UPDATE-CITY-TABLE	PROGRAM	- USE
1387:	DETAIL	11-24	UPDATE-COUNTY-TABLE	PROGRAM	- PROG DETAILS
1388:	RECFM	11-24	UPDATE-COUNTY-TABLE	PROGRAM	- USE
1389:	DETAIL	11-14	UPDATE-FILE-TABLE	PROGRAM	- PROG DETAILS
1390:	RECFM	11-24	UPDATE-FILE-TABLE	PROGRAM	- USE

----- LISTPDS -----

1391: UPDATE-GRID-TABLE - SEE BUILD-GRID-TABLE
 1392: DETAIL 11-18 UPDATE-PARM-TABLE PROGRAM - PROG DETAILS
 1393: RECFM 11-18 UPDATE-PARM-TABLE PROGRAM - USE
 1394: RECFM 11-16 UPDATE-PROGRAM-TABLE PROGRAM
 1395: DETAIL 11-2 UPDATE-PROGRAM-TABLE PROGRAM - PROG DETAILS
 1396: DETAIL 11-8 UPDATE-PROJECT-TABLE PROGRAM - PROG DETAILS
 1397: RECFM 11-27 UPDATE-PROJECT-TABLE PROGRAM - USE
 1398: DETAIL 11-12 UPDATE-SUFF-TABLE PROGRAM - PROG DETAILS
 1399: RECFM 11-21 UPDATE-SUFF-TABLE PROGRAM - USE
 1400: DETAIL 11-10 UPDATE-SURFACE-TABLE PROGRAM - PROG DETAILS
 1401: RECFM 11-29 UPDATE-SURFACE-TABLE PROGRAM - USE
 1402: DETAIL 11-28 UPDPDS PROGRAM - PROG DETAILS
 1403: RECFM 11-5 UPDPDS PROGRAM - USE
 1404: CODING 10-6 URBAN SIGN FILE - ASSEMBLY CARD CODING RULES
 1405: CODING 10-1 URBAN SIGN FILE - ASSEMBLY RECORDS
 1406: CODING 10-2 URBAN SIGN FILE - CARD FORMATS
 1407: CODING 10-4 URBAN SIGN FILE - DESCRIPTION OF DATA ELEMENTS
 1408: CODING 10-1 URBAN SIGN FILE - FILE DESCRIPTION
 1409: MAINT 5-16 URBAN SIGN FILE - GREAT FALLS - ALLOCATION
 1410: CODING 10-1 URBAN SIGN FILE - LOCATION METHOD
 1411: CODING 10-1 URBAN SIGN FILE - ORDER OF RECORDS FOR AN ASSEMBLY
 1412: CODING 10-23 URBAN SIGN FILE - PURGING OUTDATED INFORMATION
 1413: CODING 10-1 URBAN SIGN FILE - REMARK RECORDS
 1414: CODING 10-12 URBAN SIGN FILE - SIGN CARD CODING RULES
 1415: CODING 10-15 URBAN SIGN FILE - SIGN CODE NUMBER & SUPPLEMENTAL CODE
 1416: CODING 10-1 URBAN SIGN FILE - SIGN RECORDS
 1417: URBAN SIGN FILE - UPDATE PGM - SEE UPDATE
 1418: MAINT 4-8 URBAN SIGN FILES - BACKUP AND REORGANIZATION
 1419: RECFM 10-14 URBAN SIGN FILES - CALCULATION OF SIGN AGE
 1420: RECFM 10-5 URBAN SIGN FILES - DATA ELEMENT NAMES
 1421: RECFM 10-9 URBAN SIGN FILES - HISXSGNRD ++INCLUDE MODULE
 1422: RECFM 10-11 URBAN SIGN FILES - HISXUSNRD ++INCLUDE MODULE
 1423: RECFM 10-1 URBAN SIGN FILES - RECORD FORMATS
 1424: RECFM 10-10 URBAN SIGN FILES - USNRD READ SUBROUTINE
 1425: RECFM 10-8 URBAN SIGN FILES - USNRDQ READ SUBROUTINE
 1426: RECFM 10-13 URBAN SIGN FILES - X AND Y COORDINATE CALCULATIONS
 1427: RECFM 13-3 USEP-100 ABEND - DUMP ENTRY POINT OF PRINT
 1428: RECFM 10-15 USNCVT SUBROUTINE - CALLING SEQUENCE
 1429: RECFM 10-10 USNRD SUBROUTINE - CALLING SEQUENCE
 1430: DETAIL 10-2 USNRD SUBROUTINE - PROG DETAILS
 1431: RECFM 10-8 USNRDQ SUBROUTINE - CALLING SEQUENCE
 1432: DETAIL 10-1 USNRDQ SUBROUTINE - PROG DETAILS
 1433: RECFM 10-13 USNXY SUBROUTINE - CALLING SEQUENCE
 1434: DETAIL 10-3 USNXY SUBROUTINE - PROG DETAILS
 1435: RECFM 2-11 VACPDA SUBROUTINE - CALLING SEQUENCE
 1436: DETAIL 2-6 VACPDA SUBROUTINE - IN ACCFILE LOAD MODULE
 1437: DETAIL 2-3 VACRDA SUBROUTINE - PROG DETAILS
 1438: RECFM 2-10 VACRDQ SUBROUTINE - CALLING SEQUENCE
 1439: DETAIL 2-6 VACRDQ SUBROUTINE - IN ACCFILE LOAD MODULE
 1440: DETAIL 2-2 VACRDQ SUBROUTINE - PROG DETAILS
 1441: VEHICLE FILE - SEE ACCIDENT VEHICLE FILE
 1442: RECFM 8-8 VEHMILE SUBROUTINE - CALLING SEQUENCE
 1443: DETAIL 8-5 VEHMILE SUBROUTINE - PROG DETAILS
 1444: RECFM 8-9 VEHMILE SUBROUTINE - SAMPLE PROGRAM
 1445: VSAM - SEE FILE - VSAM
 1446: CODING 6-12 X-COORDINATE - RANGE
 1447: CODING 6-12 Y-COORDINATE - RANGE

